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# **Tabulation of Data from the Tip Aerodynamics and Acoustics Test**

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Jeffrey L. Cross, Ames Research Center, Moffett Field, California  
Wilson Tu, DeAnza College, Cupertino, California

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National Aeronautics and  
Space Administration

**Ames Research Center**  
Moffett Field, California 94035-1000



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## **1. SUMMARY**

In a continuing effort to understand helicopter rotor tip aerodynamics and acoustics, researchers at Ames Research Center conducted a flight test. The test was performed using the NASA White Cobra and a set of highly instrumented blades. A select subset of data from that test is presented here in tabular as well as graphic form. Access to the entire data base is available to the researcher upon request.

## **2. INTRODUCTION**

This report is a compilation of harmonic tables and plots of a subset of data taken during the Tip Aerodynamics and Acoustics Test (TAAT), reference 1, conducted on an AH-1G aircraft by researchers at Ames Research Center. The data presented are from a speed sweep and a partial power descent sweep. The complete data accumulated from this test reside at Ames Research Center and are accessible through the Data from Aeromechanics Test and Analytics – Management and Analysis Package (DATAMAP), references 2, 3, and 4. The data are stored on magnetic tape in what is known as the Bell Helicopter Ground Data Center Time History format.

## **3. BACKGROUND**

The TAAT, conducted on the AH-1G Cobra shown in figure 3-1, used the two highly instrumented rotor blades and instrumentation hardware developed for the U.S. Army Operational Loads Survey (OLS) test, reference 5. For the TAAT, three chordwise pressure sensor arrays were added to the five incorporated into the OLS pressure blade design. The three were added in the tip region to better understand and measure the details of the complex flow encountered there. The second instrumented blade remained unchanged from the OLS, however some of the instrumentation was disconnected to make room on the instrumentation system for the additional pressure sensors. The second blade housed strain gages; accelerometers; leading-edge, hot-wire anemometer arrays; and flow magnitude and direction sensors. The total number of data streams in the rotating system was 314, of which 188 were pressure transducers. Tables III-1, 2, and 3 present the pressure transducer, the strain gage, and the accelerometer layouts, respectively, for the TAAT.

The instrumentation package used with the TAAT was a frequency modulation (FM) system that consisted of two parts, one rotating and the other nonrotating. The rotating package was mounted to the teetering hub and contained 20 multiplexer circuits. As a result of the multiplexing, the frequency content of the data varied from 400 to 50 Hz. The nonrotating system was housed in the ammunition bay, as seen in figure 3-1. The multiplexed data streams were recorded on a 28-track FM tape recorder for post-flight digitizing. Each sensor was designated by an item code, which consisted of a letter and three digits. All pressure sensors began with the letter P, strain gages with either an F or a B, aircraft state parameters with a D, and accelerometers with an A.

Flight testing was divided into four phases: (1) performance, (2) air-to-air acoustics, (3) air-to-ground acoustics, and (4) aerodynamics. Each of the four flight-test phases of the TAAT concentrated on different areas of investigation. The first phase, performance, was primarily concerned with duplicating the flight conditions during the OLS test to determine data repeatability. The second phase, air-to-air acoustics, obtained rotor noise data from microphones that were stationary with respect to the helicopter. The air-to-ground noise data were taken during phase III for correlation of flyover acoustics analysis with blade loads. In the fourth and final phase, aerodynamics, several specific thrust coefficients, tip Mach numbers, and advance ratios were flown to study the correlation between these parameters and pressure distributions. Each test point was given a unique whole number identifier known as a counter number. The numbers were sequential and were grouped by flight. There exists a small break in the counter sequence between flights.

A complete description of the test is presented in reference 1, including the following topics: test equipment, test techniques, data description, data survey, and analysis of data included in the survey. In addition, the report includes appendixes that cover the following: flight test cards, instrumentation sign conventions, data not digitized, and airfoil coordinates. That report serves as the reference source for the TAAT.

#### **4. DATA PRESENTATION**

The data presented here consist of two groups of test conditions. The first is a level-flight speed sweep conducted at an aft center of gravity (c.g.), the second is a partial power descent sweep conducted at mid c.g. and at 100 knots true airspeed. The data presented in this report is from the following sensor groups: pressure transducers, strain gages, and blade accelerometers. The pressure data presented here have been averaged over two complete rotor revolutions, while the blade strain and vibration data are from only the single rotor revolution that coincides in time with the second half of the first and the first half of the second revolution of the pressure blade. The aircraft states for the data presented in this report are given in tables IV-1 and IV-2. The first table presents the speed sweep information and the second table presents the descent sweep information.

Data presented in this report consist of both harmonic tables and azimuthal plots. Tables consist of the first 15 harmonics out of a potential of up to 79 harmonics. The harmonic number presented has been kept small to limit this report to a single volume, however this number is 50% larger than has traditionally been provided in such data reports. The azimuthal plots, which contain the entire frequency content of the data, are only presented for the descent sweep, as the speed sweep is presented graphically in reference 1. The azimuthal plots are presented for three reasons: (1) to present the frequency content absent in the tables, (2) to give a reference of what the reconstructed data should look like, (3) and to illustrate where instrumentation spikes, which are resident in the data base, have been removed.

Tables IV-3 through IV-13 present harmonics of the pressure transducer data. The data are presented from the inboard to the outboard radial stations and from the leading edge to the trailing edge of the blade. The top surfaces are presented as table (a), the bottom surface as table (b). Tables IV-14 through IV-24 present harmonics of the blade beamwise bending loads. Tables IV-25 through

IV-35 present harmonics of the blade edgewise bending loads. Tables IV-36 through IV-46 present harmonics of the blade torsion loads. Tables IV-47 through IV-57 present harmonics of the blade edgewise vibration data. Tables IV-58 through IV-68 present harmonics of the blade normal vibration data. The harmonic analysis is derived from the following equation, where the series amplitude is given by  $C_k$ , the phase by  $\phi_k$ ,  $T$  is the time interval,  $k$  is the harmonic number, and  $a_0$  is the steady state value.

$$x(t) = \frac{a_0}{2} + \sum_{k=1} C_k \cos \left( \frac{2\pi k t}{T} - \phi_k \right)$$

The azimuthal plots presented here, figures 4-1 through 4-15, are for the partial power descents only. The speed sweep is presented as azimuthal plots in reference 1. The plots begin with the level flight condition and then proceed to increase the rate of descent. Each test point is presented starting at the inboard radial station and proceeding outboard toward the tip. The pressure data are presented in figures 4-1 through 4-5, followed by the strain gage data in figures 4-6 through 4-10, and the blade accelerometer data in figures 4-11 through 4-15. The pressure data plots are arranged in pairs, the upper surface on the left, the lower surface on the right. The strain gage plots are arranged in triplets, the normal bending data at the top left, the edgewise bending at the top right, and the blade torsion at the bottom center. The blade accelerometer plots are presented as a pair; the left plot is normal and the right is edgewise. Figures 4-16 and 4-17 show the pitch link loads for the speed sweep and the descent sweep, respectively. The pitch links physically trail the blade by  $90^\circ$ , thus the azimuth plots presented here depict the blade location rather than the pitch-link load location. It should be noted that the two plots of pitch-link load contain data from different pitch links. Both of the links were instrumented, F104 measured data relative to the pressure blade while the other, F103, measured data relative to the strain gage blade.

## 5. CONCLUSIONS

This report presents tabular and graphic summaries of two data subsets from the Tip Aerodynamics and Acoustics Test. The data presented are for airloads, blade structural loads, blade vibrations, with summary tables of the aircraft states for each test point. The tabular data consist of the first 15 harmonics only, whereas the plots contain the entire measured frequency content. Minimal test documentation is provided here because the first reference document covers it extensively.

## APPENDIX A-INSTRUMENTATION SIGN CONVENTION

### Stick positions

F/A cyclic  
Lat cyclic  
Pedal  
Collective

### Positive direction or motion

Stick motion forward of center  
Stick motion to the right of center  
Right pedal forward  
Stick motion up from full down

### A/C state

Side slip  
Attack  
Pitch att  
Roll att  
Yaw att  
Pitch rate  
Roll rate  
Yaw rate  
Vert. c.g. accel  
Vert. pilot seat accel

Nose left from wind axis  
Nose up from wind axis  
Nose above horizon  
Right wing down from behind A/C  
Nose right from behind A/C  
Nose up angular velocity  
Right wing down angular velocity  
Nose right angular velocity  
Upward acceleration at A/C c.g.  
Upward acceleration at pilot's seat

### Control linkages

F/A cyclic boost tube  
Lat cyclic boost tube  
Coll cyclic boost tube  
Pitch link

Aft side in tension  
Left side in tension  
Bottom in tension  
Link in tension

### Hub and shaft

Mast parallel bending  
Mast perpendicular bending  
Drag brace  
Grip beam bending  
Mast torque  
Yoke chord  
Yoke beam  
Flapping  
Feathering

Top of mast bndg. away from red bld.  
Top of mast twd. red bld. trlng. edge  
Axial tension  
Lower side in tension  
With base fixed, counterclockwise loading at mast top  
Leading edge in tension  
Lower side in tension  
Red blade moves upward  
Blade angle increasing

### Blade

Beam bending  
Chord bending  
Torsion

Lower surface in tension  
Leading edge in tension  
Leading edge up and trailing edge down

## APPENDIX B—AH-1G PHYSICAL CHARACTERISTICS

### Fuselage

Empty weight	6080 lb
Fuel capacity	1630 lb
Power plant	Lycoming T53-L-13B
Maximum engine power, SLS	1400 hp
Transmission limit at 100% rpm	1100 hp
Fuselage length	44.6 ft
Fuselage width	3.2 ft
Instrumentation boom length	4.7 ft
Tail rotor moment arm	26.7 ft
Main rotor height from lower fuselage	10.5 ft
Vertical rotor separation distance	2.8 ft
Nominal center of gravity, FS	196.7 in.
Nominal center of gravity, WL	74.88 in.
Nominal center of gravity, BL	0.0 in.
Rolling moment of inertia, $I_{xx}$	2650.8 slug-ft <sup>2</sup>
Pitching moment of inertia, $I_{yy}$	12977.4 slug-ft <sup>2</sup>
Yawing moment of inertia, $I_{zz}$	10613.8 slug-ft <sup>2</sup>
Product of inertia, $I_{xz}$	-464.2 slug-ft <sup>2</sup>
Collective range	10.0 in.
Longitudinal cyclic range	12.0 in.
Lateral cyclic range	12.0 in.
Pedal range	6.5 in.

### Main rotor

Number of blades	2
Airfoil	Modified 540, symmetrical
Radius	22.0 ft
Chord	28.63 in.
Taper	none
Solidity	0.0651
Twist	-10°
Hub waterline	152.76 in.
Flapwise inertia	1385 slug-ft <sup>2</sup>
Nominal rotor speed	324 rpm
Hub pre-cone	2.75°
Pitch flap coupling	0.0°
Blade pitch range at 0.75 r/R	-12 to +40°

### Tail rotor

Number of blades	2
Airfoil	NACA 0015
Radius	4.25 ft

Chord	0.70 ft
Taper	none
Solidity	0.105
Twist	0.0°
Nominal rotor speed	1677 rpm
Hub pre-cone	1.5°
Pitch-flap coupling	45.0°
Blade pitch range	-10.6 to +18.3°
Wing	
Airfoils, root	NACA 0030
tip	NACA 0024
Stationline of CP	189.73 in.
Semi-span	3.56 ft
Wetted area	17.6 ft <sup>2</sup>
Chord, root	2.89 ft
tip	2.04 ft
Incidence angle	14.0°
Leading edge angle	15.2°
Dihedral angle	0.0°
Horizontal tail	
Airfoil	Inverted Clark Y
Stationline of CP	397.5 in.
Semi-span	2.54 ft
Wetted area	10.2 ft
Chord, root	2.45 ft
tip	1.78 ft
Leading-edge angle	19.9°
Cant angle	0.0°
Vertical tail	
Airfoil	14% thick
Stationline of CP	501 in.
Span	5.38 ft
Wetted area	18.6 ft
Chord, root	4.67 ft
tip	2.25 ft
Leading-edge angle	50.0°



## REFERENCES

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Table III-1. Pressure transducer layout

Chord, %	Radial location, r/R							
	0.40	0.60	0.75	0.86	0.91	0.955	0.97	0.99
1	U/L	U/L	U/L	U/L	U/L	U/L	U/L	U/L
3	U/L	U/L	U/L	U/L	U/L	U/L	U/L	U/L
8	U/L	U/L	U/L	U/L	U/L	U/L	U/L	U/L
15	--	U/L	U/L	U/L	U/L	U/L	U/L	U/L
20	--	--	--	--	U/L	--	U/L	U/L
25	U/L	U/L	U/L	U/L	U/L	U/L	U/L	U/L
35	--	U/L	U/L	U/L	U/L	U/L	U/L	U/L
40	--	--	U/L	U/L	U/L	U/L	U/L	U/L
45	U/L	U/L	U/L	U/L	U/L	U/L	U/L	U/L
50	--	--	--	U/L	U/L	U/L	U/L	U/L
55	--	U/L	U/L	U/L	U/L	--	U/L	U/L
60	--	--	--	U/L	U/L	--	U/L	U/L
70	U/L	U/L	U/L	U/L	U/L	U/L	U/L	U/L
92	U/L	U/L	U/L	U/L	--	U/L	U/L	U/L

U- upper surface.

L- upper surface.

Table III-2. Strain gage layout

Radial location, %	Beamwise	Chordwise	Torsion
0.023	x	x	x
0.042	x	x	-
0.227	x	x	-
0.311	x	x	x
0.390	x	x	-
0.500	x	x	x
0.701	x	x	x
0.803	x	x	-
0.902	x	x	x

Table III-3. Accelerometer location layout

Radial location, r/R	Beamwise	Chordwise
0.013	x	x
0.500	x	x
0.591	x	x
0.697	x	x
0.902	x	x
0.996	x	x

Table IV-1. Level flight speed sweep aircraft state

Variable/counter	2152	2153	2154	2155	2156	2157
Rotor speed (RPM)	307.2	315.0	314.7	315.2	315.5	315.9
OAT (deg C)	11.5	18.5	18.5	18.5	18.5	18.5
Static pressure (psia)	13.65	13.60	13.45	13.30	13.24	13.18
Airspeed (KTAS)	159	146	129	116	98	82
Gross weight (lb)	8066	8000	7941	7920	7890	7870
Advance ratio	0.377	0.341	0.303	0.268	0.230	0.189
Long. flapping (deg)	-1.13	-1.87	-2.20	-2.38	-2.29	-2.13
Lat. flapping (deg)	-1.11	-0.60	-0.51	-0.19	-0.01	0.15
Angle of Attack (deg)	-3.9	-1.7	-0.5	1.4	3.4	4.0
Side-slip angle (deg)	-0.51	-1.12	-1.34	-1.90	-1.69	-2.24
Pitch attitude (deg)	-4.56	-2.36	-2.51	0.37	-0.16	0.89
Roll attitude (deg)	0.97	0.96	0.25	0.92	0.30	0.32
Pitch rate (deg/sec)	0.44	0.58	0.01	-0.31	-0.09	0.02
Roll rate (deg/sec)	-0.23	-0.37	-0.07	-0.76	-0.46	0.20
Yaw rate (deg/sec)	-0.11	0.81	-0.27	-0.13	-0.21	0.01
Long. cyclic (%)	84.2	81.4	78.6	75.9	71.8	67.8
Lat. cyclic (%)	47.7	51.6	53.3	54.2	54.4	55.4
Collective (%)	48.1	37.8	31.3	25.9	20.4	18.1
Pedal (%)	37.2	41.4	44.2	45.5	48.3	50.4
Long blade cyclic (deg)	11.8	10.2	8.9	7.9	6.5	5.5
Lat blade cyclic (deg)	-3.6	-2.4	-2.4	-2.1	-1.8	-1.7
Coll blade cyclic (deg)	18.0	15.8	14.5	13.4	12.2	11.7
Ct/ $\sigma$	0.070	0.068	0.068	0.068	0.068	0.068
To (sec)	1.6	2.6	2.9	2.5	2.0	1.2
MR torque (ft-lb)	18963	15344	12676	10899	8776	7789

Table IV-2. Partial power descent sweep aircraft state

Variable/counters	2826	2828	2830	2831	2833
Rotor speed (RPM)	318.8	320.1	319.4	318.8	318.7
OAT (deg C)	22.2	20.0	21.1	20.9	19.4
Static pressure (psia)	13.07	12.83	12.81	12.72	12.75
Airspeed (KTAS)	102.1	102.7	98.3	98.4	98.6
Gross weight (lb)	8055	7980	7905	7880	7805
Advance ratio	0.233	0.232	0.224	0.221	0.221
Long. flapping (deg)	0.5	0.6	0.9	1.0	0.9
Lat. flapping (deg)	-0.1	0.1	-0.1	0.09	0.2
Angle of attack (deg)	-2.27	0.94	-0.13	1.52	3.07
Side slip angle (deg)	-0.008	3.30	1.07	1.92	0.94
Pitch attitude (deg)	-4.41	-2.04	-3.77	-4.83	-5.79
Roll attitude (deg)	-0.28	-1.85	2.84	-1.15	0.00
Pitch rate (deg/sec)	-0.24	0.18	0.29	-1.20	-0.28
Roll rate (deg/sec)	1.87	-0.01	-1.39	0.06	-1.45
Yaw rate (deg/sec)	-0.11	-0.76	-0.71	-1.87	-1.90
Long. cyclic (%)	61.0	59.1	57.1	58.7	56.3
Lat. cyclic (%)	58.1	58.3	59.6	61.7	62.5
Collective (%)	26.5	17.3	18.6	18.8	15.2
Pedal (%)	44.9	55.9	51.7	52.8	53.6
Long blade cyclic+ (deg)	5.0	4.9	5.0	4.9	5.0
Lat blade cyclic+ (deg)	-1.0	-1.0	-0.7	-0.2	0.0
Coll blade cyclic+ (deg)	13.5	11.6	11.8	11.9	11.1
Ct/ $\sigma$	0.069	0.068	0.068	0.068	0.069
To (sec)	9.3	10.6	3.5	6.2	8.9
MR torque (ft-lb)	7978	3911	4350	4297	3386
Rate of descent (ft/min)	0	200	400	600	800

+These values obtained from stick position as sensor was inoperative for these test points.

Table IV-3a. Harmonic pressure data for 159 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1182E+02	0.0000E+00	0.1209E+02	0.0000E+00	0.1241E+02	0.0000E+00
1.	0.2033E+01	-0.4588E+02	0.1705E+01	-0.6110E+02	0.1248E+01	-0.6557E+02
2.	0.3762E+00	0.1325E+03	0.2272E+00	0.7152E+02	0.2073E+00	0.5337E+02
3.	0.5090E-01	0.4802E+02	0.3767E-01	0.8531E+02	0.3228E-01	0.9488E+02
4.	0.1373E+00	-0.8609E+02	0.8310E-01	-0.8888E+02	0.3909E-01	-0.8727E+02
5.	0.1156E+00	0.2987E+02	0.6659E-01	0.1808E+02	0.3568E-01	0.1957E+02
6.	0.7619E-01	-0.7009E+02	0.4032E-01	-0.6338E+02	0.1926E-01	-0.5171E+02
7.	0.9672E-01	-0.1551E+02	0.5561E-01	-0.2086E+02	0.2400E-01	-0.2030E+02
8.	0.4075E-01	-0.3124E+02	0.2677E-01	-0.1896E+02	0.1238E-01	-0.5021E+00
9.	0.5059E-01	-0.3679E+02	0.2200E-01	-0.3348E+02	0.1316E-01	-0.3047E+02
10.	0.6145E-01	-0.1488E+02	0.3088E-01	-0.1388E+02	0.1641E-01	-0.1180E+02
11.	0.3073E-01	0.1324E+02	0.1378E-01	0.3624E+01	0.1175E-01	0.2005E+02
12.	0.1748E-01	-0.7453E+01	0.5936E-02	-0.8753E+01	0.5441E-02	-0.1568E+01
13.	0.5087E-02	0.4957E+02	0.3933E-02	0.5004E+02	0.1403E-02	0.2958E+02
14.	0.5075E-02	0.1306E+03	0.3744E-02	0.1180E+03	0.1164E-02	0.1738E+03
15.	0.3134E-02	0.9991E+02	0.3018E-02	0.1275E+03	0.2270E-03	0.2473E+02

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1289E+02	0.0000E+00	0.1323E+02	0.0000E+00
1.	0.6978E+00	-0.7318E+02	0.3113E+00	-0.7687E+02
2.	0.1345E+00	0.4198E+02	0.6282E-01	0.6050E+02
3.	0.2346E-01	0.6495E+02	0.1927E-01	0.4607E+02
4.	0.1086E-01	-0.1060E+03	0.1400E-02	-0.1183E+03
5.	0.1013E-01	0.3088E+01	0.1162E-01	-0.4773E+00
6.	0.8715E-02	-0.5054E+02	0.4890E-02	-0.5420E+02
7.	0.1288E-01	-0.3428E+02	0.6654E-02	-0.4220E+02
8.	0.4141E-02	-0.4068E+02	0.1537E-02	-0.3616E+02
9.	0.3914E-02	-0.1341E+02	0.1841E-02	-0.2844E+02
10.	0.6710E-02	0.3734E+01	0.5072E-02	-0.1369E+02
11.	0.4188E-02	0.3563E+02	0.3850E-02	-0.1467E+02
12.	0.2853E-02	0.1098E+01	0.2125E-02	-0.4840E+02
13.	0.6628E-03	0.6780E+02	0.1146E-02	-0.8701E+01
14.	0.1149E-02	0.1293E+03	0.3368E-02	0.6462E+02
15.	0.7301E-03	0.1332E+03	0.2921E-02	0.4496E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1108E+02	0.0000E+00	0.1096E+02	0.0000E+00	0.1136E+02	0.0000E+00
1.	0.4109E+00	-0.8550E+01	0.1493E+01	-0.7301E+02	0.1518E+01	-0.7594E+02
2.	0.4095E+00	-0.1434E+03	0.1859E+00	-0.1977E+02	0.2577E+00	0.2955E+01
3.	0.4345E+00	0.1022E+03	0.4058E+00	0.9832E+02	0.2579E+00	0.9459E+02
4.	0.7264E-01	0.1628E+03	0.9444E-01	-0.1797E+03	0.7417E-01	0.1786E+03
5.	0.5618E-01	0.5464E+02	0.4489E-01	0.2108E+02	0.2118E-01	-0.5924E+01
6.	0.6004E-01	0.8660E+02	0.6246E-01	0.5434E+02	0.3091E-01	0.4188E+02
7.	0.5176E-01	0.1002E+03	0.5069E-01	0.1125E+03	0.2409E-01	0.9896E+02
8.	0.1284E-01	0.8572E+02	0.4062E-03	0.3172E+02	0.1387E-02	-0.1511E+03
9.	0.1236E-01	0.2320E+02	0.1949E-01	-0.1476E+02	0.4979E-02	-0.7572E+02
10.	0.9487E-02	-0.2893E+00	0.1947E-01	-0.8542E+01	0.1090E-01	-0.4379E+02
11.	0.1860E-01	0.7097E+02	0.1346E-01	0.7391E+02	0.1091E-01	0.6801E+02
12.	0.1116E-01	0.1868E+02	0.2425E-02	-0.3742E+02	0.6801E-02	-0.3051E+02
13.	0.1858E-01	0.3766E+02	0.1503E-01	0.8109E+01	0.5442E-02	-0.6023E+01
14.	0.1033E-01	0.6298E+01	0.8443E-02	0.6715E+01	0.5372E-02	-0.2553E+02
15.	0.9205E-02	0.5679E+02	0.4685E-02	0.6359E+02	0.6811E-02	0.1844E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1182E+02	0.0000E+00	0.1230E+02	0.0000E+00	0.1252E+02	0.0000E+00
1.	0.1336E+01	-0.7733E+02	0.9543E+00	-0.7820E+02	0.7035E+00	-0.7905E+02
2.	0.2329E+00	0.7083E+01	0.1569E+00	0.4162E+01	0.9001E-01	0.6040E+01
3.	0.1693E+00	0.8910E+02	0.9827E-01	0.7943E+02	0.7358E-01	0.6586E+02
4.	0.4746E-01	0.1704E+03	0.2892E-01	0.1636E+03	0.1683E-01	0.1563E+03
5.	0.9333E-02	0.1443E+02	0.4523E-02	-0.3482E+01	0.3566E-02	-0.9248E+01
6.	0.1714E-01	0.4370E+02	0.9955E-02	0.3959E+02	0.2736E-02	0.3381E+02
7.	0.1471E-01	0.8259E+02	0.6519E-02	0.8750E+02	0.4921E-02	0.7523E+02
8.	0.2005E-02	-0.1070E+02	0.2457E-02	0.8147E+02	0.4403E-03	-0.1748E+03
9.	0.4640E-02	-0.5967E+02	0.4454E-02	-0.8834E+02	0.2634E-02	-0.4324E+02
10.	0.7043E-02	-0.4827E+02	0.6365E-02	-0.4568E+02	0.6494E-02	-0.6139E+02
11.	0.7395E-02	0.1778E+02	0.5302E-02	0.4241E+02	0.2916E-02	0.1630E+02
12.	0.3865E-02	0.1341E+02	0.1794E-02	0.5934E+01	0.4649E-03	-0.1027E+03
13.	0.2934E-02	-0.2420E+02	0.4454E-02	-0.1580E+01	0.2664E-02	-0.3447E+02
14.	0.3279E-02	-0.1557E+02	0.4748E-02	-0.8683E+01	0.2663E-02	-0.4396E+01
15.	0.1918E-02	0.4983E+02	0.8109E-03	0.1332E+03	0.1945E-02	0.5037E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1286E+02	0.0000E+00	0.1305E+02	0.0000E+00	0.1323E+02	0.0000E+00
1.	0.4316E+00	-0.7898E+02	0.3023E+00	-0.7787E+02	0.1460E+00	-0.7980E+02
2.	0.3215E-01	0.1521E+02	0.2612E-01	0.7024E+01	0.1255E-01	0.1656E+03
3.	0.5923E-01	0.5585E+02	0.4191E-01	0.3931E+02	0.2885E-01	0.3057E+02
4.	0.1231E-01	0.1348E+03	0.1584E-01	0.1192E+03	0.7990E-02	0.1192E+03
5.	0.8012E-02	0.4668E+02	0.2858E-02	-0.1882E+02	0.4107E-02	0.3144E+02
6.	0.7420E-03	0.1547E+02	0.4006E-02	0.3509E+02	0.1363E-02	-0.3268E+02
7.	0.4152E-02	0.3374E+02	0.5257E-02	-0.1103E+03	0.1158E-02	-0.1998E+02
8.	0.3048E-02	-0.6280E+02	0.2363E-02	0.3356E+02	0.2054E-02	-0.4389E+02
9.	0.3502E-02	-0.7631E+02	0.6395E-02	-0.1307E+03	0.2611E-02	-0.9123E+02
10.	0.3320E-02	-0.5445E+02	0.4129E-02	-0.6137E+02	0.3695E-02	-0.8255E+02
11.	0.2828E-02	-0.5898E+02	0.2075E-02	-0.5119E+02	0.2832E-02	-0.4247E+01
12.	0.1877E-02	0.1066E+03	0.4482E-02	0.9213E+02	0.1679E-03	0.1332E+03
13.	0.2595E-02	-0.6682E+02	0.2268E-02	-0.5303E+02	0.7930E-03	-0.5408E+02
14.	0.3021E-02	0.6987E+01	0.3855E-02	0.3031E+02	0.2167E-02	-0.3224E+02
15.	0.3496E-02	0.1208E+03	0.2670E-02	0.7767E+02	0.1124E-02	0.2343E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1348E+02	0.0000E+00
1.	0.6413E-01	0.1141E+03
2.	0.2128E-01	-0.1702E+03
3.	0.1468E-01	0.7033E+01
4.	0.5922E-02	0.1030E+03
5.	0.3078E-02	0.4760E+02
6.	0.7139E-03	0.5494E+02
7.	0.0535E-03	-0.1385E+03
8.	0.7829E-03	0.1688E+03
9.	0.6794E-03	-0.1164E+03
10.	0.1149E-02	-0.1295E+03
11.	0.3023E-03	-0.6640E+02
12.	0.1846E-02	0.8741E+02
13.	0.3046E-03	-0.1737E+02
14.	0.2779E-03	-0.7723E+02
15.	0.2747E-03	-0.8854E+01

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9678E+01	0.0000E+00	0.9838E+01	0.0000E+00	0.1033E+02	0.0000E+00
1.	0.2891E+01	0.1179E+03	0.5779E+00	-0.1602E+03	0.1720E+01	-0.9353E+02
2.	0.5719E+00	-0.1685E+03	0.3227E+00	-0.1154E+03	0.6356E+00	-0.1540E+02
3.	0.9870E+00	0.1078E+03	0.4315E+00	0.9631E+02	0.5915E+00	0.8599E+02
4.	0.3585E+00	0.9298E+02	0.1485E+00	0.1018E+03	0.2561E+00	0.1519E+03
5.	0.2016E+00	0.1133E+03	0.1278E+00	0.1229E+03	0.6757E-01	-0.1515E+03
6.	0.1368E+00	0.9157E+02	0.6287E-01	0.1298E+03	0.1073E-01	0.1531E+03
7.	0.8253E-01	0.1024E+03	0.4918E-01	0.1386E+03	0.4186E-01	-0.1121E+03
8.	0.5004E-01	0.1220E+03	0.3027E-01	0.1366E+03	0.6976E-01	-0.4212E+00
9.	0.4668E-01	0.1608E+03	0.2735E-01	0.1728E+03	0.9136E-01	0.9204E+02
10.	0.2602E-01	0.1704E+03	0.9551E-02	-0.1374E+03	0.7250E-01	0.1764E+03
11.	0.3422E-01	0.1303E+03	0.1601E-01	0.9005E+02	0.3024E-01	-0.9184E+02
12.	0.3443E-01	0.1148E+03	0.1304E-01	0.1059E+03	0.1714E-01	0.2510E+02
13.	0.2183E-01	0.1301E+03	0.5784E-02	0.1190E+03	0.1694E-01	-0.1068E+03
14.	0.1927E-01	0.1560E+03	0.5299E-02	0.1451E+03	0.4163E-01	-0.1854E+02
15.	0.1007E-01	0.1489E+03	0.6682E-02	-0.1613E+03	0.4851E-01	0.6999E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1114E+02	0.0000E+00	0.1160E+02	0.0000E+00	0.1213E+02	0.0000E+00
1.	0.1766E+01	-0.8915E+02	0.1198E+01	-0.8752E+02	0.7361E+00	-0.8787E+02
2.	0.6425E+00	-0.8787E+01	0.2655E+00	-0.1756E+02	0.1390E+00	-0.2775E+02
3.	0.5609E+00	0.8859E+02	0.1798E+00	0.7285E+02	0.1059E+00	0.5842E+02
4.	0.3220E+00	0.1645E+03	0.6576E-01	0.1131E+03	0.3658E-01	0.9613E+02
5.	0.1920E+00	-0.9654E+02	0.3678E-01	0.1313E+03	0.2384E-01	0.1219E+03
6.	0.1618E+00	-0.2680E+01	0.1307E-01	-0.1352E+03	0.5422E-02	-0.1799E+03
7.	0.1109E+00	0.9773E+02	0.3678E-02	-0.2950E+02	0.3935E-02	0.1460E+03
8.	0.1077E+00	-0.1691E+03	0.1726E-01	0.6856E+02	0.4818E-02	0.8744E+02
9.	0.6310E-01	-0.7421E+02	0.1463E-01	0.1394E+03	0.5720E-02	0.1414E+03
10.	0.3323E-01	-0.4037E+02	0.1219E-01	-0.1170E+03	0.3684E-02	-0.1337E+03
11.	0.1375E-00	0.9542E+02	0.8178E-02	-0.6354E+02	0.1200E-02	0.7703E+02
12.	0.1096E-01	-0.2516E+02	0.1218E-01	0.5409E+02	0.2325E-02	-0.2890E+01
13.	0.5566E-01	0.5320E+02	0.3264E-02	0.8172E+02	0.2290E-02	0.3097E+02
14.	0.5718E-01	0.1143E+03	0.1859E-02	0.3467E+02	0.6458E-03	0.5397E+02
15.	0.2315E-01	-0.1348E+03	0.3283E-02	-0.1073E+03	0.2469E-02	-0.1188E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1226E+02	0.0000E+00	0.1275E+02	0.0000E+00	0.1320E+02	0.0000E+00
1.	0.6310E+00	-0.8684E+02	0.2723E+00	-0.8490E+02	0.1789E+00	-0.7768E+02
2.	0.1132E+00	-0.3324E+02	0.4357E-01	-0.7107E+02	0.2200E-01	-0.1184E+03
3.	0.8930E-01	0.5484E+02	0.6108E-01	0.3663E+02	0.3830E-01	0.2856E+02
4.	0.3776E-01	0.9441E+02	0.1805E-01	0.7948E+02	0.1184E-01	0.6271E+02
5.	0.2706E-01	0.1212E+03	0.1551E-01	0.1163E+03	0.9746E-02	0.1124E+03
6.	0.4588E-02	0.9102E+02	0.2054E-02	0.1489E+03	0.2139E-02	0.1377E+03
7.	0.5305E-02	0.1353E+03	0.5252E-02	0.1245E+03	0.2814E-02	0.1450E+03
8.	0.3495E-02	0.5700E+02	0.4136E-02	0.1130E+03	0.1448E-02	0.4480E+02
9.	0.3006E-02	-0.1625E+03	0.1862E-02	-0.1607E+03	0.8416E-03	-0.8874E+02
10.	0.4042E-02	-0.1495E+03	0.3496E-02	-0.1260E+03	0.3150E-02	-0.1189E+03
11.	0.5462E-02	0.9838E+02	0.1015E-02	0.1758E+03	0.1277E-02	0.1386E+02
12.	0.2288E-02	0.1209E+02	0.1685E-02	0.8007E+02	0.2248E-02	0.9194E+02
13.	0.4419E-02	-0.3728E+02	0.2915E-02	-0.3035E+01	0.1655E-02	-0.4021E+01
14.	0.2191E-02	0.5097E+02	0.1120E-02	0.2368E+02	0.8397E-03	0.1367E+02
15.	0.3449E-02	0.4057E+02	0.2860E-02	-0.1514E+03	0.1267E-02	-0.1699E+03



Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1352E+02	0.0000E+00
1.	0.1340E+00	0.1034E+03
2.	0.5611E-01	-0.1540E+03
3.	0.2238E-01	-0.4404E+01
4.	0.1044E-01	0.5454E+02
5.	0.4383E-02	0.8659E+02
6.	0.3034E-02	0.7817E+02
7.	0.3048E-02	0.1265E+03
8.	0.3208E-02	0.8426E+02
9.	0.4076E-02	-0.5038E+02
10.	0.3851E-02	-0.1056E+03
11.	0.1989E-02	0.1692E+03
12.	0.2618E-02	0.1299E+03
13.	0.2739E-02	-0.4598E+01
14.	0.2136E-02	0.4690E+02
15.	0.7866E-03	-0.2304E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9698E+01	0.0000E+00	0.9803E+01	0.0000E+00	0.1061E+02	0.0000E+00
1.	0.1433E+01	0.1375E+03	0.1368E+01	-0.1133E+03	0.2173E+01	-0.9165E+02
2.	0.4172E+00	-0.1610E+03	0.4022E+00	-0.4544E+02	0.1024E+01	-0.7770E+01
3.	0.3178E+00	0.1136E+03	0.3134E+00	0.6437E+02	0.7393E+00	0.8212E+02
4.	0.7430E-01	0.1037E+03	0.1692E+00	0.8092E+02	0.4121E+00	0.1692E+03
5.	0.1132E+00	0.1527E+03	0.1591E+00	0.1207E+03	0.1873E+00	-0.9966E+02
6.	0.4690E-01	0.1766E+03	0.9784E-01	0.1563E+03	0.6035E-01	0.2336E+02
7.	0.4138E-01	0.1661E+03	0.6652E-01	-0.1707E+03	0.5425E-01	-0.1234E+03
8.	0.2638E-01	0.1729E+03	0.2595E-01	-0.1374E+03	0.1369E+00	-0.1793E+01
9.	0.4456E-01	-0.1536E+03	0.2752E-01	-0.1272E+03	0.1745E+00	0.9556E+02
10.	0.3455E-01	-0.1263E+03	0.2614E-01	-0.7040E+02	0.1736E+00	-0.1699E+03
11.	0.2097E-01	-0.1446E+03	0.2365E-01	0.2193E+02	0.1132E+00	-0.7002E+02
12.	0.9463E-02	-0.1452E+03	0.2358E-01	0.8732E+02	0.5808E-01	0.4986E+02
13.	0.8744E-02	-0.9705E+02	0.1100E-01	0.1187E+03	0.5208E-01	-0.1352E+03
14.	0.9390E-02	-0.1035E+03	0.1552E-01	0.1445E+03	0.9341E-01	-0.1016E+02
15.	0.9116E-02	-0.1395E+03	0.2723E-01	-0.1649E+03	0.1139E+00	0.9837E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.36		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1223E+02	0.0000E+00	0.1232E+02	0.0000E+00	0.1256E+02	0.0000E+00
1.	0.6535E+00	-0.9204E+02	0.3940E+00	-0.9174E+02	0.2445E+00	-0.9004E+02
2.	0.1431E+00	-0.6307E+02	0.1144E+00	-0.1105E+03	0.9464E-01	-0.1264E+03
3.	0.1090E+00	0.2470E+02	0.8023E-01	-0.2041E+02	0.6672E-01	-0.2808E+02
4.	0.8397E-01	0.8428E+02	0.9383E-01	0.3997E+02	0.7292E-01	0.2632E+02
5.	0.4825E-01	0.1784E+03	0.6736E-01	0.1133E+03	0.6038E-01	0.1078E+03
6.	0.4498E-01	-0.2138E+02	0.1807E-01	-0.1434E+03	0.2446E-01	-0.1693E+03
7.	0.6289E-01	0.8921E+02	0.1318E-01	0.9256E+02	0.2368E-02	-0.2698E+02
8.	0.5824E-01	0.1765E+03	0.1761E-01	0.1507E+03	0.4819E-02	0.1113E+03
9.	0.4092E-01	-0.8884E+02	0.9488E-02	-0.1149E+03	0.4488E-02	0.1790E+03
10.	0.2938E-01	0.1336E+02	0.9455E-02	-0.2261E+02	0.1085E-02	0.9879E+02
11.	0.2473E-01	0.1173E+03	0.1112E-01	0.1153E+03	0.7090E-02	0.1423E+03
12.	0.8503E-02	-0.1402E+03	0.5340E-02	-0.1099E+03	0.5670E-02	-0.7291E+02
13.	0.4345E-02	0.1160E+02	0.6892E-02	-0.2690E+02	0.4430E-02	-0.1848E+02
14.	0.4473E-02	-0.1487E+03	0.7181E-02	0.2735E+02	0.6925E-03	0.5884E+02
15.	0.9285E-02	-0.4203E+02	0.1657E-02	0.4835E+02	0.2249E-02	-0.1761E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1274E+02	0.0000E+00	0.1298E+02	0.0000E+00	0.1310E+02	0.0000E+00
1.	0.1972E+00	-0.8543E+02	0.1376E+00	-0.7786E+02	0.1017E+00	-0.8019E+02
2.	0.7753E-01	-0.1268E+03	0.7089E-01	-0.1263E+03	0.7945E-01	-0.1264E+03
3.	0.5311E-01	-0.2432E+02	0.4454E-01	-0.2037E+02	0.4257E-01	-0.1719E+02
4.	0.5914E-01	0.2438E+02	0.4545E-01	0.2542E+02	0.3578E-01	0.1999E+02
5.	0.4877E-01	0.1077E+03	0.3690E-01	0.1006E+03	0.2966E-01	0.9084E+02
6.	0.1957E-01	-0.1732E+03	0.1189E-01	0.1713E+03	0.8618E-02	0.1609E+03
7.	0.2617E-02	-0.1108E+03	0.8890E-03	0.7438E+01	0.1512E-02	0.6934E+02
8.	0.4755E-02	0.7335E+02	0.3459E-02	0.7000E+02	0.3891E-02	0.8253E+02
9.	0.4035E-02	0.1280E+03	0.5777E-02	0.1384E+03	0.4284E-02	0.1436E+03
10.	0.2847E-02	0.1490E+03	0.4816E-02	0.1586E+03	0.2833E-02	-0.1188E+03
11.	0.6061E-02	0.1607E+03	0.3071E-02	0.1307E+03	0.3769E-02	0.1244E+03
12.	0.3721E-02	-0.9069E+02	0.5655E-02	-0.6819E+02	0.3374E-02	-0.4902E+02
13.	0.2988E-02	0.1605E+02	0.1323E-02	-0.5976E+02	0.3976E-02	0.6891E+01
14.	0.1113E-02	0.2350E+02	0.1988E-02	0.9872E+02	0.2270E-02	0.4068E+02
15.	0.1412E-02	0.2859E+02	0.3083E-02	-0.6514E+02	0.1921E-02	0.9323E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1300E+02	0.0000E+00	0.1376E+02	0.0000E+00
1.	0.7332E-01	-0.5947E+02	0.1906E+00	0.9219E+02
2.	0.7084E-01	-0.1431E+03	0.7505E-01	-0.1512E+03
3.	0.3428E-01	-0.2429E+02	0.2251E-01	-0.2651E+02
4.	0.2755E-01	0.8788E+01	0.1217E-01	0.3854E+02
5.	0.1718E-01	0.8568E+02	0.1076E-01	0.5835E+02
6.	0.4525E-02	0.1443E+03	0.6509E-02	0.3454E+02
7.	0.3404E-02	0.1257E+03	0.3573E-02	0.6671E+02
8.	0.1652E-02	0.1136E+03	0.1218E-02	0.1267E+03
9.	0.2321E-02	0.1013E+03	0.3662E-02	-0.1539E+03
10.	0.2218E-02	-0.1757E+03	0.2032E-02	-0.6436E+02
11.	0.2085E-02	0.1511E+03	0.4017E-02	0.4754E+02
12.	0.2285E-02	-0.8968E+02	0.3922E-02	-0.4032E+02
13.	0.2289E-02	0.5999E+02	0.3547E-02	0.7633E+01
14.	0.1285E-02	0.3986E+02	0.2343E-03	-0.1133E+03
15.	0.7469E-03	0.3611E+02	0.1620E-02	0.1376E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9592E+01	0.0000E+00	0.8903E+01	0.0000E+00	0.9345E+01	0.0000E+00
1.	0.5204E+01	0.1190E+03	0.1739E+01	0.1394E+03	0.1399E+01	-0.1147E+03
2.	0.8108E+00	0.1184E+03	0.5450E+00	-0.1740E+03	0.2377E+00	-0.4302E+02
3.	0.7611E+00	0.8964E+02	0.3957E+00	0.1210E+03	0.1225E+00	0.6019E+02
4.	0.3068E+00	0.8432E+02	0.1595E+00	0.1141E+03	0.2018E+00	0.1352E+02
5.	0.2360E+00	0.1217E+03	0.1698E+00	0.1438E+03	0.1683E+00	0.8458E+02
6.	0.1249E+00	0.1151E+03	0.6920E-01	0.1472E+03	0.6211E-01	0.1464E+03
7.	0.9724E-01	0.1123E+03	0.8050E-01	0.1506E+03	0.4274E-01	0.1165E+03
8.	0.4587E-01	0.8761E+02	0.6050E-01	0.1469E+03	0.5363E-01	0.1466E+03
9.	0.4707E-01	-0.1736E+03	0.5971E-01	0.1624E+03	0.3066E-01	-0.1599E+03
10.	0.3915E-01	0.1638E+03	0.2967E-01	0.1525E+03	0.1458E-01	-0.1582E+03
11.	0.1144E-01	0.7916E+02	0.2025E-01	0.1321E+03	0.2647E-01	-0.1429E+03
12.	0.2460E-01	-0.4477E+02	0.1700E-01	0.6645E+02	0.2781E-01	-0.4276E+02
13.	0.1572E-01	-0.1204E+03	0.1301E-01	0.3525E+02	0.1594E-01	0.3661E+02
14.	0.1345E-01	0.1372E+03	0.1081E-01	-0.1263E+02	0.3742E-02	-0.2994E+02
15.	0.1220E-01	0.1065E+02	0.1159E-01	-0.4323E+02	0.6474E-02	0.3501E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1039E+02	0.0000E+00	0.1092E+02	0.0000E+00	0.1078E+02	0.0000E+00
1.	0.1974E+01	-0.9847E+02	0.2099E+01	-0.9300E+02	0.2200E+01	-0.9047E+02
2.	0.7924E+00	-0.2043E+02	0.9253E+00	-0.9415E+01	0.1075E+01	-0.6225E+01
3.	0.3408E+00	0.6060E+02	0.4893E+00	0.7705E+02	0.6477E+00	0.8416E+02
4.	0.1581E+00	0.6237E+02	0.1528E+00	0.1164E+03	0.2788E+00	0.1628E+03
5.	0.2433E+00	0.1038E+03	0.2000E+00	0.1229E+03	0.5904E-01	0.1787E+03
6.	0.1677E+00	0.1681E+03	0.2085E+00	-0.1683E+03	0.1314E+00	-0.1654E+03
7.	0.4051E-01	-0.1339E+03	0.1560E+00	-0.7844E+02	0.1953E+00	-0.7378E+02
8.	0.5244E-01	-0.1680E+03	0.7671E-01	0.1729E+02	0.2067E+00	0.1826E+02
9.	0.8726E-01	-0.9344E+02	0.2376E-01	-0.1074E+03	0.1555E+00	0.1165E+03
10.	0.6024E-01	-0.1081E+01	0.8618E-01	0.1529E+02	0.6389E-01	-0.1446E+03
11.	0.1239E-01	0.1471E+03	0.1171E+00	0.1097E+03	0.4828E-01	0.9428E+02
12.	0.4983E-01	-0.1013E+02	0.7758E-01	-0.1578E+03	0.1106E+00	-0.1621E+03
13.	0.6983E-01	0.9310E+02	0.2223E-01	-0.5133E+02	0.1373E+00	-0.6406E+02
14.	0.4812E-01	-0.1649E+03	0.4534E-01	-0.1715E+03	0.1146E+00	0.3435E+02
15.	0.2077E-01	-0.7862E+01	0.8014E-01	-0.7002E+02	0.5689E-01	0.1383E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1189E+02	0.0000E+00	0.1208E+02	0.0000E+00	0.1308E+02	0.0000E+00
1.	0.7792E+00	-0.8914E+02	0.3562E+00	-0.8726E+02	0.1384E+00	-0.7697E+02
2.	0.2811E+00	-0.2200E+02	0.9920E-01	-0.8143E+02	0.1169E+00	-0.1402E+03
3.	0.2143E+00	0.6917E+02	0.6898E-01	0.1020E+02	0.9222E-01	-0.6023E+02
4.	0.1844E+00	0.1595E+03	0.5531E-01	0.8853E+02	0.8046E-01	0.2083E+02
5.	0.1461E+00	-0.9972E+02	0.3559E-01	-0.1436E+03	0.4531E-01	0.1049E+03
6.	0.1544E+00	0.3943E+01	0.6162E-01	-0.1091E+02	0.5207E-02	-0.1388E+03
7.	0.1408E+00	0.9574E+02	0.7359E-01	0.8366E+02	0.2131E-01	0.6821E+02
8.	0.8709E-01	-0.1695E+03	0.6031E-01	0.1718E+03	0.1763E-01	0.1656E+03
9.	0.4106E-01	-0.6913E+02	0.3701E-01	-0.1008E+03	0.1318E-01	-0.1102E+03
10.	0.1969E-01	0.1089E+03	0.2090E-01	0.9280E+01	0.9703E-02	0.3380E+02
11.	0.2852E-01	-0.1257E+03	0.1144E-01	0.1095E+03	0.1331E-01	0.1252E+03
12.	0.4238E-01	0.5723E-01	0.7478E-02	0.1899E+02	0.3702E-02	-0.1380E+03
13.	0.3734E-01	0.9160E+02	0.9039E-02	0.1296E+03	0.1205E-02	-0.1222E+03
14.	0.2607E-01	-0.1672E+03	0.1048E-01	-0.1540E+03	0.2582E-02	-0.6467E+02
15.	0.1248E-01	-0.6802E+02	0.1015E-01	-0.4417E+02	0.3804E-02	0.5228E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.65		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.80	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1312E+02	0.0000E+00	0.1370E+02	0.0000E+00	0.1289E+02	0.0000E+00
1.	0.0760E-01	-0.4147E+02	0.4763E-01	0.2871E+00	0.5164E-01	-0.1311E+02
2.	0.1167E+00	-0.1461E+03	0.1010E+00	-0.1527E+03	0.8363E-01	-0.1516E+03
3.	0.9171E-01	-0.6740E+02	0.6686E-01	-0.6188E+02	0.4939E-01	-0.5774E+02
4.	0.7916E-01	0.1123E+02	0.6491E-01	0.7806E+01	0.5287E-01	0.4700E+01
5.	0.5224E-01	0.9205E+02	0.4472E-01	0.9026E+02	0.3610E-01	0.8044E+02
6.	0.1646E-01	0.1782E+03	0.1459E-01	0.1685E+03	0.1012E-01	0.1510E+03
7.	0.8666E-02	0.1442E+02	0.4131E-02	0.1124E+02	0.1451E-02	0.4317E+02
8.	0.3426E-02	0.9913E+02	0.2860E-02	0.6464E+02	0.2158E-02	0.6647E+02
9.	0.4450E-02	0.1586E+03	0.4292E-02	0.1609E+03	0.3892E-02	0.1214E+03
10.	0.2844E-02	0.1098E+03	0.4940E-02	0.1400E+03	0.3871E-02	0.1281E+03
11.	0.9741E-02	0.1624E+03	0.7080E-02	0.1619E+03	0.6295E-02	0.1520E+03
12.	0.3171E-02	-0.8903E+02	0.1822E-02	-0.3898E+02	0.9443E-03	-0.7042E+02
13.	0.8833E-03	0.8238E+02	0.1548E-02	0.1481E+02	0.3239E-02	0.4771E+02
14.	0.2672E-02	0.3098E+02	0.9171E-03	0.9628E+02	0.9757E-03	0.1014E+03
15.	0.2056E-02	0.4378E+02	0.1149E-02	0.1071E+03	0.1569E-02	0.8909E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1355E+02	0.0000E+00
1.	0.1135E+00	0.6092E+02
2.	0.7623E-01	-0.1571E+03
3.	0.3049E-01	-0.5379E+02
4.	0.3268E-01	-0.2435E+01
5.	0.2261E-01	0.6667E+02
6.	0.4889E-02	0.1087E+03
7.	0.3733E-02	0.4150E+02
8.	0.2445E-02	0.6837E+02
9.	0.2903E-02	0.1221E+03
10.	0.1626E-02	0.1450E+03
11.	0.3228E-02	0.1205E+03
12.	0.1883E-02	-0.7010E+02
13.	0.7445E-03	0.2405E+02
14.	0.5271E-03	0.1780E+03
15.	0.3136E-03	-0.6512E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1051E+02	0.0000E+00	0.8126E+01	0.0000E+00	0.9588E+01	0.0000E+00
1.	0.5873E+01	0.1162E+03	0.2383E+01	0.1652E+03	0.1147E+01	-0.1359E+03
2.	0.4795E+00	0.9706E+02	0.6781E+00	-0.1581E+03	0.1057E+00	-0.9858E+02
3.	0.4484E+00	0.8932E+02	0.6843E+00	0.1302E+03	0.1211E+00	0.5892E+02
4.	0.1803E+00	0.1042E+03	0.4861E+00	0.1308E+03	0.1616E+00	-0.9317E+01
5.	0.2063E+00	0.1505E+03	0.3771E+00	0.1282E+03	0.5982E-01	-0.8656E+01
6.	0.1009E+00	0.1440E+03	0.2119E+00	0.7838E+02	0.3713E-01	-0.5121E+01
7.	0.5830E-01	0.1506E+03	0.1590E+00	0.5721E+02	0.5740E-01	0.8673E+02
8.	0.4453E-01	0.1734E+03	0.6503E-01	0.2033E+01	0.6775E-01	0.9306E-02
9.	0.6735E-01	-0.1704E+03	0.8625E-01	-0.5867E+02	0.4142E-01	0.1238E+03
10.	0.3315E-01	-0.1741E+03	0.8410E-01	-0.7316E+02	0.1068E-01	-0.1628E+03
11.	0.1816E-01	-0.1676E+03	0.7394E-01	-0.1122E+03	0.1381E-01	0.1418E+03
12.	0.4422E-02	-0.1502E+03	0.6887E-01	-0.1244E+03	0.2120E-01	0.1571E+03
13.	0.6215E-02	0.1718E+03	0.6272E-01	-0.1422E+03	0.4315E-02	-0.9392E+02
14.	0.9779E-02	0.1220E+03	0.5489E-01	0.1778E+03	0.6528E-02	0.4881E+02
15.	0.7010E-02	0.1003E+03	0.3462E-01	0.1456E+03	0.7445E-02	-0.1428E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1015E+02	0.0000E+00	0.1046E+02	0.0000E+00	0.1211E+02	0.0000E+00
1.	0.2217E+01	-0.9878E+02	0.2545E+01	-0.8987E+02	0.7583E+00	-0.8320E+02
2.	0.6917E+00	-0.2317E+02	0.1341E+01	-0.8345E+01	0.2320E+00	-0.2828E+02
3.	0.1989E+00	0.4215E+02	0.8233E+00	0.8003E+02	0.1930E+00	0.6503E+02
4.	0.2222E+00	0.1341E+02	0.3647E+00	0.1530E+03	0.1815E+00	0.1420E+03
5.	0.2138E+00	0.8821E+02	0.1326E+00	0.1596E+03	0.1587E+00	-0.1262E+03
6.	0.1195E+00	0.1626E+03	0.2295E+00	-0.1641E+03	0.1604E+00	-0.2620E+02
7.	0.5472E-01	0.1501E+03	0.2894E+00	-0.8417E+02	0.1239E+00	0.6213E+02
8.	0.7625E-01	0.1695E+03	0.2470E+00	-0.2557E+00	0.5529E-01	0.1416E+03
9.	0.5109E-01	-0.9709E+02	0.1186E+00	0.7649E+02	0.1180E-01	0.1492E+03
10.	0.2872E-01	0.8714E+01	0.5782E-01	0.5806E+02	0.4311E-01	0.1682E+03
11.	0.8878E-02	-0.7358E+02	0.1543E+00	0.1093E+03	0.5742E-01	-0.1162E+03
12.	0.3093E-01	0.1132E+02	0.1727E+00	-0.1668E+03	0.6304E-01	-0.2821E+02
13.	0.2523E-01	0.1203E+03	0.1344E+00	-0.8475E+02	0.4704E-01	0.5640E+02
14.	0.1202E-01	-0.1789E+03	0.4446E-01	-0.1571E+02	0.2349E-01	0.1153E+03
15.	0.1704E-01	0.1518E+03	0.5476E-01	-0.4906E+02	0.1288E-01	0.1576E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.65	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1254E+02	0.0000E+00	0.1288E+02	0.0000E+00	0.1296E+02	0.0000E+00
1.	0.3915E+00	-0.6985E+02	0.1919E+00	-0.1698E+02	0.1813E+00	-0.8431E+01
2.	0.7361E-01	-0.6868E+02	0.1450E+00	-0.1760E+03	0.1069E+00	-0.1779E+03
3.	0.7482E-01	0.4530E+02	0.1010E+00	-0.9846E+02	0.7588E-01	-0.1017E+03
4.	0.9012E-01	0.1282E+03	0.8998E-01	-0.1057E+02	0.7233E-01	-0.1568E+02
5.	0.9758E-01	-0.1295E+03	0.6488E-01	0.7039E+02	0.5412E-01	0.6375E+02
6.	0.1319E+00	-0.2618E+02	0.2026E-01	0.1408E+03	0.2106E-01	0.1357E+03
7.	0.1287E+00	0.6943E+02	0.3778E-02	-0.1604E+03	0.8578E-02	-0.1476E+03
8.	0.9818E-01	0.1415E+03	0.2068E-02	-0.1421E+03	0.4386E-02	-0.7970E+02
9.	0.7374E-01	-0.1378E+03	0.2970E-02	0.1674E+03	0.6371E-02	0.4350E+02
10.	0.4073E-01	-0.6521E+02	0.2721E-02	-0.1565E+02	0.5037E-02	0.8625E+02
11.	0.2585E-01	0.1772E+02	0.4294E-02	0.5105E+02	0.3989E-02	0.1164E+03
12.	0.2568E-01	0.3976E+02	0.3394E-02	0.8131E+02	0.3566E-02	-0.7015E+02
13.	0.1408E-01	0.1010E+03	0.7769E-02	0.1512E+03	0.2693E-02	0.1455E+03
14.	0.1320E-01	0.1689E+03	0.5197E-02	-0.8766E+02	0.2049E-02	-0.4643E+02
15.	0.1526E-01	-0.1319E+03	0.8820E-02	-0.1641E+02	0.4325E-02	0.1708E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1314E+02	0.0000E+00	0.1374E+02	0.0000E+00
1.	0.1844E+00	0.1567E+02	0.2444E+00	0.7045E+02
2.	0.4746E-01	-0.1773E+03	0.4388E-01	-0.1705E+03
3.	0.2827E-01	-0.8790E+02	0.1283E-01	-0.1007E+03
4.	0.3368E-01	-0.1256E+02	0.1388E-01	-0.3266E+02
5.	0.2684E-01	0.8654E+02	0.9269E-02	0.4337E+02
6.	0.9177E-02	0.1105E+03	0.5084E-02	0.3689E+02
7.	0.3597E-02	0.1463E+03	0.2596E-02	0.7698E+02
8.	0.4486E-02	-0.4727E+02	0.2798E-02	-0.6099E+02
9.	0.2829E-02	0.1018E+03	0.2050E-02	-0.1513E+03
10.	0.3853E-02	0.1312E+03	0.1097E-02	0.1227E+03
11.	0.3465E-02	0.1553E+03	0.1788E-02	0.1497E+03
12.	0.2969E-02	0.1806E+00	0.8082E-03	-0.1610E+01
13.	0.2733E-02	0.7676E+02	0.2908E-02	0.7318E+02
14.	0.2574E-02	0.2096E+02	0.3031E-02	0.3884E+02
15.	0.1789E-02	0.4037E+01	0.4589E-03	-0.3171E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1039E+02	0.0000E+00	0.8853E+01	0.0000E+00	0.9157E+01	0.0000E+00
1.	0.4913E+01	0.1208E+03	0.2182E+01	0.1508E+03	0.1480E+01	-0.1213E+03
2.	0.7966E+00	0.1212E+03	0.7050E+00	0.1749E+03	0.2381E+00	-0.1031E+03
3.	0.7597E+00	0.7510E+02	0.5187E+00	0.1207E+03	0.7158E-01	-0.1267E+03
4.	0.3368E+00	0.3896E+02	0.3612E+00	0.1177E+03	0.1287E+00	-0.1925E+02
5.	0.5032E-01	-0.9955E+02	0.3435E+00	0.1275E+03	0.5268E-01	0.9144E+02
6.	0.1565E+00	-0.1428E+03	0.2042E+00	0.1183E+03	0.1901E-01	-0.4323E+02
7.	0.1601E+00	0.1749E+03	0.1700E+00	0.9966E+02	0.3866E-01	0.6227E+02
8.	0.1085E+00	0.1393E+03	0.1253E+00	0.7921E+02	0.1711E-01	0.1075E+03
9.	0.5103E-01	0.1439E+03	0.6968E-01	0.7031E+02	0.9542E-02	-0.1180E+03
10.	0.3255E-01	-0.1529E+03	0.3724E-01	0.1513E+02	0.1613E-01	-0.5991E+02
11.	0.4954E-01	-0.1715E+03	0.3514E-01	-0.4350E+02	0.8186E-02	-0.5502E+02
12.	0.4155E-01	0.1459E+03	0.5073E-01	-0.5688E+02	0.9344E-02	0.5140E+01
13.	0.3352E-01	0.9740E+02	0.5801E-01	-0.7437E+02	0.8997E-02	0.5647E+01
14.	0.2741E-01	0.6668E+02	0.5611E-01	-0.9270E+02	0.1312E-01	0.1480E+02
15.	0.1676E-01	0.4774E+02	0.5606E-01	-0.1174E+03	0.9961E-02	0.2117E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1037E+02	0.0000E+00	0.1078E+02	0.0000E+00	0.1237E+02	0.0000E+00
1.	0.2151E+01	-0.1038E+03	0.2246E+01	-0.8856E+02	0.5938E+00	-0.7880E+02
2.	0.9273E+00	-0.3147E+02	0.1171E+01	-0.8886E+01	0.1413E+00	-0.3218E+02
3.	0.3880E+00	0.4311E+02	0.7568E+00	0.7722E+02	0.1323E+00	0.8789E+02
4.	0.1600E+00	0.2925E+02	0.4104E+00	0.1449E+03	0.1255E+00	0.1268E+03
5.	0.2350E+00	0.6189E+02	0.2403E+00	-0.1661E+03	0.1165E+00	-0.1363E+03
6.	0.1949E+00	0.1178E+03	0.2112E+00	-0.1169E+03	0.1359E+00	-0.4333E+02
7.	0.9935E-01	0.1536E+03	0.2091E+00	-0.5520E+02	0.9468E-01	0.3242E+02
8.	0.8248E-01	0.1409E+03	0.1657E+00	0.1227E+02	0.6612E-01	0.1058E+03
9.	0.1109E+00	-0.1646E+03	0.1034E+00	0.6349E+02	0.5315E-01	0.1503E+03
10.	0.8303E-01	-0.1014E+03	0.1094E+00	0.8769E+02	0.4613E-01	-0.1663E+03
11.	0.3149E-01	-0.9257E+02	0.1464E+00	0.1445E+03	0.4189E-01	-0.8789E+02
12.	0.5884E-01	-0.7939E+02	0.1463E+00	-0.1371E+03	0.4197E-01	-0.1509E+02
13.	0.6814E-01	-0.1452E+02	0.1082E+00	-0.6002E+02	0.2293E-01	0.5182E+02
14.	0.3919E-01	0.4504E+02	0.4319E-01	0.1157E+02	0.1786E-01	0.1262E+03
15.	0.2246E-01	0.7823E+01	0.3236E-01	-0.6313E+00	0.1041E-01	0.1336E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1268E+02	0.0000E+00	0.1306E+02	0.0000E+00	0.1295E+02	0.0000E+00
1.	0.2139E+00	0.1351E+02	0.2276E+00	0.1600E+02	0.2558E+00	0.1958E+02
2.	0.1066E+00	0.1759E+03	0.7958E-01	-0.1770E+03	0.6743E-01	-0.1715E+03
3.	0.5180E-01	-0.1125E+03	0.4205E-01	-0.1060E+03	0.3550E-01	-0.1008E+03
4.	0.6671E-01	-0.1514E+02	0.5198E-01	-0.1783E+02	0.4215E-01	-0.2346E+02
5.	0.3895E-01	0.5560E+02	0.3532E-01	0.6253E+02	0.2956E-01	0.6147E+02
6.	0.1796E-01	0.7839E+02	0.1180E-01	0.9478E+02	0.8708E-02	0.8624E+02
7.	0.1236E-01	0.1463E+03	0.6959E-02	0.1434E+03	0.4671E-02	0.1339E+03
8.	0.5371E-02	-0.1176E+03	0.5470E-02	-0.1360E+03	0.4224E-02	-0.1449E+03
9.	0.5470E-02	-0.1037E+03	0.3241E-03	0.1429E+03	0.2336E-02	0.8884E+02
10.	0.5609E-02	-0.2226E+02	0.4465E-02	0.7409E+02	0.4025E-02	0.6463E+02
11.	0.4864E-02	0.1320E+03	0.4960E-02	0.1047E+03	0.3542E-02	0.1074E+03
12.	0.7902E-03	0.1740E+03	0.4335E-03	0.3517E+02	0.1262E-02	-0.1050E+01
13.	0.3668E-02	0.1463E+03	0.1515E-02	-0.1647E+03	0.1796E-02	0.1458E+03
14.	0.2738E-02	-0.8197E+02	0.2216E-02	-0.3319E+02	0.1951E-02	-0.2181E+02
15.	0.3985E-02	0.6175E+02	0.2126E-02	0.2878E+02	0.2807E-02	0.5958E+01



Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1303E+02	0.0000E+00	0.1336E+02	0.0000E+00
1.	0.2438E+00	0.3395E+02	0.3333E+00	0.6997E+02
2.	0.3951E-01	-0.1788E+03	0.4309E-01	0.1542E+03
3.	0.2798E-01	-0.7822E+02	0.3202E-01	-0.8006E+02
4.	0.2703E-01	-0.3303E+02	0.1991E-02	-0.8420E+02
5.	0.1966E-01	0.7126E+02	0.8814E-02	0.5710E+02
6.	0.8033E-02	0.8628E+02	0.2253E-02	0.9833E+02
7.	0.2514E-02	0.1147E+03	0.3085E-02	0.5482E+02
8.	0.1219E-02	-0.1087E+03	0.1523E-02	-0.1153E+03
9.	0.2930E-02	0.1117E+03	0.3110E-02	0.1535E+03
10.	0.2299E-02	0.9631E+02	0.2296E-02	0.8007E+02
11.	0.1979E-02	0.1344E+03	0.2283E-02	0.4454E+01
12.	0.1054E-02	0.4487E+01	0.2947E-02	-0.6595E+02
13.	0.2294E-02	0.1251E+03	0.1651E-02	0.1319E+03
14.	0.8365E-03	0.1452E+03	0.1295E-02	0.6423E+02
15.	0.1443E-02	-0.1714E+02	0.1260E-02	-0.1867E+02

Table IV-3a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1174E+02	0.0000E+00	0.9873E+01	0.0000E+00	0.9808E+01	0.0000E+00
1.	0.3959E+01	0.1250E+03	0.1952E+01	0.1622E+03	0.2108E+01	-0.1194E+03
2.	0.5708E+00	0.1422E+03	0.5818E+00	-0.1751E+03	0.7319E+00	-0.6143E+02
3.	0.5064E+00	0.9137E+02	0.3724E+00	0.1329E+03	0.1857E+00	-0.1431E+02
4.	0.2414E+00	0.8445E+02	0.2344E+00	0.1259E+03	0.2302E+00	-0.2776E-01
5.	0.1265E+00	0.1182E+03	0.2518E+00	0.1358E+03	0.1424E+00	0.4933E+02
6.	0.5755E-01	0.1346E+03	0.1856E+00	0.1387E+03	0.7954E-01	0.3824E+02
7.	0.4855E-01	0.1320E+03	0.1573E+00	0.1261E+03	0.1257E+00	0.6139E+02
8.	0.2779E-01	0.1131E+03	0.1238E+00	0.1118E+03	0.9945E-01	0.9923E+02
9.	0.2472E-01	-0.1783E+03	0.8590E-01	0.1116E+03	0.5188E-01	0.1090E+03
10.	0.2065E-01	-0.1450E+03	0.7016E-01	0.9917E+02	0.7584E-01	0.1171E+03
11.	0.1792E-01	-0.1439E+03	0.5541E-01	0.9429E+02	0.7351E-01	0.1591E+03
12.	0.1165E-01	-0.1358E+03	0.3360E-01	0.7283E+02	0.3684E-01	0.1788E+03
13.	0.4168E-02	-0.1639E+03	0.1731E-01	0.4898E+02	0.5045E-01	0.1712E+03
14.	0.3862E-02	0.1372E+03	0.1294E-01	0.2226E+02	0.5411E-01	-0.1502E+03
15.	0.6498E-02	0.1661E+03	0.6452E-02	-0.5916E+01	0.4080E-01	-0.1200E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1046E+02	0.0000E+00	0.1140E+02	0.0000E+00	0.1139E+02	0.0000E+00
1.	0.2103E+01	-0.1060E+03	0.1479E+01	-0.9386E+02	0.1392E+01	-0.8488E+02
2.	0.1226E+01	-0.3742E+02	0.7064E+00	-0.2032E+02	0.6870E+00	0.1270E+01
3.	0.7550E+00	0.3676E+02	0.4489E+00	0.6671E+02	0.5374E+00	0.9919E+02
4.	0.4628E+00	0.8568E+02	0.2492E+00	0.1186E+03	0.3146E+00	-0.1750E+03
5.	0.3168E+00	0.1288E+03	0.2010E+00	0.1651E+03	0.1798E+00	-0.9426E+02
6.	0.2229E+00	0.1704E+03	0.1772E+00	-0.1350E+03	0.9837E-01	-0.2862E+02
7.	0.1676E+00	-0.1486E+03	0.1549E+00	-0.7252E+02	0.7014E-01	0.5297E+01
8.	0.1104E+00	-0.1098E+03	0.1401E+00	-0.7007E+01	0.9948E-01	0.5032E+02
9.	0.9737E-01	-0.8389E+02	0.1019E+00	0.4991E+02	0.1089E+00	0.1236E+03
10.	0.1170E+00	-0.4897E+02	0.7498E-01	0.9592E+02	0.9735E-01	-0.1540E+03
11.	0.1249E+00	0.1274E+01	0.7165E-01	0.1410E+03	0.6922E-01	-0.6956E+02
12.	0.1259E+00	0.5443E+02	0.6392E-01	-0.1583E+03	0.4514E-01	0.1986E+02
13.	0.9823E-01	0.1107E+03	0.5018E-01	-0.8827E+02	0.2019E-01	0.1123E+03
14.	0.5997E-01	0.1610E+03	0.3440E-01	-0.9462E+01	0.4098E-02	0.5208E+02
15.	0.3142E-01	-0.1764E+03	0.1107E-01	0.2608E+02	0.1162E-01	0.1275E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1220E+02	0.0000E+00	0.1234E+02	0.0000E+00	0.1275E+02	0.0000E+00
1.	0.4237E+00	-0.3744E+02	0.3523E+00	-0.3867E+01	0.4582E+00	0.3419E+02
2.	0.4008E-01	-0.1753E+02	0.5024E-01	-0.9529E+02	0.1301E+00	-0.5974E+02
3.	0.1186E+00	0.1523E+03	0.9913E-01	0.1584E+03	0.1508E+00	-0.1717E+03
4.	0.2249E-01	-0.3963E+02	0.4183E-01	0.1777E+02	0.9292E-01	0.5749E+02
5.	0.2438E-01	-0.1885E+02	0.1100E-01	0.2351E+02	0.6276E-01	-0.3366E+02
6.	0.2096E-01	0.4267E+02	0.1273E-01	0.5410E+01	0.3087E-01	-0.1607E+03
7.	0.1843E-01	0.1244E+03	0.1232E-01	0.1283E+03	0.3150E-01	0.8750E+02
8.	0.3416E-02	0.1274E+03	0.7221E-02	0.1274E+03	0.1599E-01	-0.2349E+02
9.	0.9576E-02	0.1663E+03	0.8593E-02	0.1755E+03	0.1288E-01	-0.1465E+03
10.	0.7892E-02	-0.1593E+03	0.5185E-02	-0.9351E+02	0.5178E-02	0.8143E+02
11.	0.6434E-02	-0.6489E+02	0.4787E-02	-0.2093E+02	0.7588E-02	-0.1762E+02
12.	0.9687E-02	-0.1309E+02	0.1001E-01	0.1875E+02	0.5698E-02	0.4589E+02
13.	0.1899E-02	0.2832E+02	0.4216E-02	-0.9709E+02	0.1884E-02	0.1049E+03
14.	0.1532E-02	0.4859E+02	0.2244E-02	0.5741E+02	0.5529E-03	0.1002E+03
15.	0.2552E-02	-0.7259E+01	0.4381E-02	0.2470E+02	0.4339E-02	0.1483E+02

Table IV-3a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1248E+02	0.0000E+00	0.1267E+02	0.0000E+00
1.	0.9479E+00	0.4526E+02	0.1179E+01	0.4073E+02
2.	0.5072E+00	-0.6693E+02	0.2578E+00	-0.1263E+03
3.	0.3836E+00	0.1695E+03	0.1731E+00	-0.3730E+02
4.	0.2499E+00	0.3206E+02	0.2193E+00	0.1634E+03
5.	0.1095E+00	-0.8719E+02	0.7407E-01	0.2953E+02
6.	0.5203E-01	0.1328E+03	0.5256E-01	0.4283E+02
7.	0.2759E-01	0.5386E+02	0.7841E-01	-0.7927E+02
8.	0.1917E-01	-0.3488E+02	0.5469E-01	0.1561E+03
9.	0.1940E-01	-0.1634E+03	0.3341E-01	0.4321E+02
10.	0.1400E-01	0.7622E+02	0.1673E-01	-0.8306E+02
11.	0.7491E-02	-0.3813E+02	0.4197E-02	-0.4490E+01
12.	0.6965E-02	0.1209E+03	0.1490E-01	0.1616E+03
13.	0.3001E-02	0.6108E+02	0.1180E-01	0.2460E+02
14.	0.2569E-02	0.1509E+03	0.7833E-02	-0.1190E+03
15.	0.4819E-02	0.1531E+02	0.5763E-02	0.6882E+02

Table IV-3b. Harmonic pressure data for 159 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1416E+02	0.0000E+00	0.1365E+02	0.0000E+00	0.1341E+02	0.0000E+00
1.	0.1038E+01	0.1001E+03	0.3767E+00	0.1316E+03	0.1631E+00	-0.1632E+03
2.	0.2916E+00	-0.1277E+03	0.1836E+00	-0.6178E+02	0.1757E+00	-0.3051E+02
3.	0.8427E-01	0.8766E+02	0.5413E-01	0.9650E+02	0.2955E-01	0.1159E+03
4.	0.2068E-02	-0.8862E+01	0.2852E-01	0.1008E+03	0.2447E-01	0.1048E+03
5.	0.3666E-01	0.1594E+03	0.4306E-01	-0.1742E+03	0.2978E-01	-0.1652E+03
6.	0.1285E-01	0.1474E+03	0.2059E-01	0.1367E+03	0.1819E-01	0.1345E+03
7.	0.2710E-01	0.1566E+03	0.4042E-01	0.1677E+03	0.3403E-01	0.1735E+03
8.	0.7671E-02	-0.1662E+03	0.1849E-01	0.1700E+03	0.1526E-01	0.1707E+03
9.	0.1014E-01	0.1381E+03	0.1999E-01	0.1462E+03	0.1685E-01	0.1516E+03
10.	0.1473E-01	0.1438E+03	0.2539E-01	0.1470E+03	0.1995E-01	0.1497E+03
11.	0.1249E-01	0.1541E+03	0.1780E-01	0.1562E+03	0.1350E-01	0.1570E+03
12.	0.9443E-02	0.1559E+03	0.1265E-01	0.1606E+03	0.9444E-02	0.1579E+03
13.	0.6749E-02	0.1484E+03	0.8916E-02	0.1722E+03	0.5245E-02	0.1674E+03
14.	0.4021E-02	0.1727E+03	0.3937E-02	-0.1326E+03	0.3701E-02	-0.1070E+03
15.	0.2450E-02	-0.1621E+03	0.3248E-02	-0.8215E+02	0.5147E-02	-0.8455E+02

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1320E+02	0.0000E+00	0.1333E+02	0.0000E+00	0.1350E+02	0.0000E+00
1.	0.2663E+00	-0.1101E+03	0.9401E-01	-0.1459E+03	0.8174E-01	0.1458E+03
2.	0.1883E+00	-0.2066E+02	0.1331E+00	-0.2887E+02	0.7545E-01	-0.3612E+02
3.	0.2032E-01	0.1376E+03	0.2348E-01	-0.1578E+03	0.2061E-01	-0.1612E+03
4.	0.1345E-01	0.1032E+03	0.6747E-02	0.1041E+03	0.7010E-02	0.1641E+03
5.	0.2143E-01	-0.1608E+03	0.1737E-01	-0.1732E+03	0.1388E-01	-0.1742E+03
6.	0.1024E-01	0.1388E+03	0.1091E-01	0.1141E+03	0.2615E-02	0.1222E+03
7.	0.2315E-01	-0.1793E+03	0.1760E-01	0.1706E+03	0.1269E-01	0.1755E+03
8.	0.1154E-01	0.1770E+03	0.7587E-02	0.1516E+03	0.6143E-02	0.1612E+03
9.	0.1220E-01	0.1632E+03	0.5807E-02	0.1385E+03	0.4895E-02	0.1603E+03
10.	0.1307E-01	0.1571E+03	0.8606E-02	0.1294E+03	0.7770E-02	0.1421E+03
11.	0.8223E-02	0.1602E+03	0.4300E-02	0.1242E+03	0.4489E-02	0.1563E+03
12.	0.5245E-02	0.1552E+03	0.2786E-02	0.1410E+03	0.4618E-02	0.1731E+03
13.	0.2326E-02	-0.1635E+03	0.2232E-02	0.1668E+03	0.3025E-02	-0.1499E+03
14.	0.3561E-02	-0.8058E+02	0.2173E-02	-0.9383E+02	0.3684E-02	-0.1028E+03
15.	0.4654E-02	-0.6440E+02	0.3415E-02	-0.8663E+02	0.5772E-02	-0.8992E+02

Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1482E+02	0.0000E+00	0.1329E+02	0.0000E+00	0.1331E+02	0.0000E+00
1.	0.1458E+01	0.9457E+02	0.5813E+00	-0.8812E+02	0.5824E+00	-0.8961E+02
2.	0.4439E-01	-0.1187E+03	0.2835E+00	0.1261E+02	0.2455E+00	0.9449E+01
3.	0.7519E-01	-0.1401E+03	0.1169E+00	-0.9810E+02	0.7602E-01	-0.1033E+03
4.	0.8996E-01	0.1724E+02	0.5371E-01	0.1704E+02	0.3324E-01	0.1620E+02
5.	0.9994E-02	0.1722E+03	0.2334E-01	-0.1520E+03	0.1710E-01	-0.1457E+03
6.	0.6039E-02	-0.6108E+02	0.1440E-01	-0.1088E+03	0.1027E-01	-0.1312E+03
7.	0.1151E-01	-0.8227E+02	0.1691E-01	-0.8853E+02	0.1575E-01	-0.9057E+02
8.	0.1048E-01	-0.1053E+02	0.4810E-02	-0.2533E+01	0.3901E-02	-0.2688E+02
9.	0.1174E-02	-0.2076E+02	0.5892E-02	-0.1499E+03	0.6215E-02	-0.1404E+03
10.	0.3271E-02	0.1115E+03	0.4499E-02	-0.1415E+03	0.4232E-02	-0.1743E+03
11.	0.2883E-02	0.7646E+02	0.8673E-03	0.1742E+03	0.3301E-03	0.7279E+02
12.	0.2809E-02	0.1393E+03	0.4871E-02	0.1655E+03	0.4194E-02	0.1467E+03
13.	0.1048E-02	-0.1794E+03	0.2564E-02	-0.1545E+03	0.1454E-02	-0.1496E+03
14.	0.1408E-02	-0.1092E+02	0.3266E-02	-0.1041E+03	0.2228E-02	-0.6908E+02
15.	0.3071E-02	-0.6117E+02	0.3255E-02	-0.7690E+02	0.3852E-02	-0.5647E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.65	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1327E+02	0.0000E+00	0.1331E+02	0.0000E+00	0.1344E+02	0.0000E+00
1.	0.5981E+00	-0.9115E+02	0.2620E+00	-0.1025E+03	0.1733E+00	-0.1128E+03
2.	0.2377E+00	0.6509E+01	0.1340E+00	-0.1381E+01	0.1085E+00	-0.4562E+01
3.	0.8172E-01	-0.1111E+03	0.4020E-01	-0.1205E+03	0.3450E-01	-0.1263E+03
4.	0.2100E-01	0.2416E+02	0.8082E-02	0.3652E+02	0.6594E-02	0.5221E+02
5.	0.1580E-01	-0.1397E+03	0.1131E-01	-0.1191E+03	0.1020E-01	-0.1199E+03
6.	0.5768E-02	-0.1321E+03	0.4989E-02	0.1533E+03	0.5642E-02	0.1278E+03
7.	0.1220E-01	-0.9594E+02	0.1024E-01	-0.1119E+03	0.9710E-02	-0.1128E+03
8.	0.2735E-02	-0.4648E+01	0.3301E-02	-0.3189E+02	0.3233E-02	-0.4021E+02
9.	0.4770E-02	-0.1407E+03	0.4072E-02	-0.9940E+02	0.3311E-02	-0.8654E+02
10.	0.2850E-02	-0.1622E+03	0.2567E-02	-0.1771E+03	0.2869E-02	0.1771E+03
11.	0.1291E-03	-0.1360E+03	0.8238E-03	0.5897E+02	0.6514E-03	0.1191E+03
12.	0.2680E-02	0.1450E+03	0.2367E-02	0.1571E+03	0.3018E-02	0.1639E+03
13.	0.1119E-02	-0.1252E+03	0.9631E-03	-0.4879E+01	0.3709E-03	-0.2753E+01
14.	0.1665E-02	-0.7596E+02	0.1255E-02	-0.4700E+02	0.7189E-03	-0.1255E+03
15.	0.3137E-02	-0.5126E+02	0.4160E-02	-0.7750E+02	0.3309E-02	-0.8673E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1369E+02	0.0000E+00	0.1353E+02	0.0000E+00
1.	0.9906E-01	-0.1319E+03	0.1265E+00	0.1309E+03
2.	0.6246E-01	-0.1367E+02	0.2574E-01	-0.5509E+02
3.	0.2274E-01	-0.1249E+03	0.1477E-01	-0.1206E+03
4.	0.5326E-02	0.6638E+02	0.4621E-02	0.1287E+03
5.	0.7200E-02	-0.1165E+03	0.5132E-02	-0.8353E+02
6.	0.4901E-02	0.1190E+03	0.6670E-02	0.1298E+03
7.	0.6334E-02	-0.1278E+03	0.7628E-02	-0.1281E+03
8.	0.1656E-02	-0.3793E+02	0.3238E-02	-0.5059E+02
9.	0.2602E-02	-0.7421E+02	0.3940E-02	-0.6635E+02
10.	0.1371E-02	0.1635E+03	0.1854E-02	0.1693E+03
11.	0.6980E-03	-0.1734E+03	0.1781E-02	0.1025E+03
12.	0.1805E-02	0.1461E+03	0.2526E-02	0.1700E+03
13.	0.6326E-03	0.5950E+02	0.2081E-02	0.1434E+02
14.	0.7268E-03	-0.1640E+03	0.6592E-03	-0.9786E+02
15.	0.3315E-02	-0.8363E+02	0.3805E-02	-0.8936E+02

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Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1410E+02	0.0000E+00	0.1314E+02	0.0000E+00	0.1283E+02	0.0000E+00
1.	0.5542E+00	-0.4506E+02	0.1199E+01	-0.7205E+02	0.1289E+01	-0.7798E+02
2.	0.4088E+00	0.4844E+02	0.4533E+00	0.3352E+02	0.4218E+00	0.2548E+02
3.	0.2615E+00	-0.9943E+02	0.1825E+00	-0.1078E+03	0.1432E+00	-0.1146E+03
4.	0.1210E+00	-0.1005E+02	0.8249E-01	-0.2961E+02	0.6385E-01	-0.3583E+02
5.	0.3013E-01	-0.6825E+01	0.2912E-01	-0.1463E+02	0.2743E-01	-0.5783E+01
6.	0.6095E-02	-0.6195E+02	0.1867E-01	0.1214E+03	0.7638E-02	0.1256E+03
7.	0.1865E-01	-0.5434E+02	0.2626E-01	-0.8845E+02	0.2138E-01	-0.6881E+02
8.	0.1396E-01	-0.2591E+02	0.2270E-01	-0.3316E+02	0.1805E-01	-0.1583E+02
9.	0.1317E-01	-0.1922E+02	0.1560E-01	-0.4648E+02	0.6880E-02	0.8527E+00
10.	0.6659E-02	0.9887E+02	0.1636E-01	0.1219E+03	0.7785E-02	0.1212E+03
11.	0.2819E-02	-0.1709E+03	0.5784E-02	0.1373E+03	0.1526E-02	-0.1562E+03
12.	0.2996E-02	-0.1066E+03	0.1556E-01	0.1587E+03	0.3075E-02	-0.1794E+03
13.	0.5266E-02	-0.1850E+02	0.1304E-01	-0.3071E+02	0.5610E-02	-0.9224E+01
14.	0.3804E-02	-0.1649E+02	0.1005E-01	0.1631E+02	0.4226E-02	0.5610E+01
15.	0.4213E-03	-0.1644E+03	0.1351E-01	-0.9731E+02	0.1930E-02	-0.9931E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1335E+02	0.0000E+00	0.1335E+02	0.0000E+00	0.1351E+02	0.0000E+00
1.	0.6157E+00	-0.8509E+02	0.5033E+00	-0.8781E+02	0.3173E+00	-0.9513E+02
2.	0.1959E+00	0.1511E+02	0.1599E+00	0.1348E+02	0.1188E+00	0.7753E+01
3.	0.4895E-01	-0.1065E+03	0.4266E-01	-0.1094E+03	0.3936E-01	-0.1108E+03
4.	0.1218E-01	-0.3067E+02	0.9708E-02	-0.3139E+02	0.4752E-02	-0.4748E+02
5.	0.1136E-01	-0.3080E+02	0.1128E-01	-0.4274E+02	0.1108E-01	-0.4754E+02
6.	0.3380E-02	0.9824E+02	0.4175E-02	0.9336E+02	0.3759E-02	0.1115E+03
7.	0.8314E-02	-0.6149E+02	0.7646E-02	-0.7635E+02	0.7770E-02	-0.7837E+02
8.	0.7443E-02	-0.3020E+01	0.6723E-02	-0.9038E+01	0.5958E-02	-0.2132E+02
9.	0.3407E-02	0.5717E+01	0.4214E-02	-0.1952E+02	0.3309E-02	-0.2709E+02
10.	0.2330E-02	0.1120E+03	0.3480E-02	0.1017E+03	0.1507E-02	0.1202E+03
11.	0.3094E-03	-0.1417E+03	0.7585E-03	0.1396E+03	0.1180E-02	0.9227E+02
12.	0.1491E-02	-0.1200E+03	0.1919E-02	-0.1617E+03	0.2554E-02	-0.1356E+03
13.	0.2493E-02	0.8129E+01	0.1859E-02	-0.8474E+01	0.2798E-02	0.2105E+01
14.	0.2156E-02	0.4291E+02	0.2183E-02	0.4829E+02	0.2123E-02	0.8555E+01
15.	0.3473E-03	0.2883E+02	0.1498E-02	-0.3435E+02	0.9814E-03	-0.4444E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1358E+02	0.0000E+00	0.1352E+02	0.0000E+00
1.	0.1785E+00	-0.1098E+03	0.8267E-01	0.1431E+03
2.	0.7365E-01	0.7020E+00	0.1257E-01	-0.9535E+02
3.	0.2716E-01	-0.1198E+03	0.1284E-01	-0.1161E+03
4.	0.1348E-02	-0.1463E+03	0.3180E-02	0.1178E+03
5.	0.9084E-02	-0.6305E+02	0.4424E-02	-0.8096E+02
6.	0.5865E-02	0.1056E+03	0.3123E-02	0.9992E+02
7.	0.6974E-02	-0.8834E+02	0.4750E-02	-0.1092E+03
8.	0.5202E-02	-0.2401E+02	0.3139E-02	-0.6153E+02
9.	0.4211E-02	-0.5913E+02	0.2365E-02	-0.7937E+02
10.	0.2266E-02	0.8998E+02	0.1727E-02	0.1493E+03
11.	0.1963E-02	0.9071E+02	0.1823E-02	0.9200E+02
12.	0.3964E-02	-0.1674E+03	0.1765E-02	-0.1770E+03
13.	0.1266E-02	-0.1805E+02	0.1082E-02	-0.1361E+02
14.	0.2163E-02	0.1326E+02	0.1696E-02	-0.3513E+02
15.	0.2731E-02	-0.3825E+02	0.1680E-02	-0.4113E+02

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Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1549E+02	0.0000E+00	0.1415E+02	0.0000E+00	0.1281E+02	0.0000E+00
1.	0.1111E+01	0.6518E+02	0.1087E+01	-0.4757E+02	0.2099E+01	-0.6700E+02
2.	0.6908E+00	0.7294E+02	0.5080E+00	0.6506E+02	0.6054E+00	0.4818E+02
3.	0.3443E+00	-0.8816E+02	0.3564E+00	-0.9132E+02	0.2806E+00	-0.1108E+03
4.	0.1513E+00	0.7047E+00	0.1407E+00	-0.1353E+02	0.1472E+00	-0.2516E+02
5.	0.8125E-01	-0.2896E+02	0.6241E-01	-0.1431E+02	0.4463E-01	0.2033E+02
6.	0.3497E-01	0.2848E+02	0.2830E-01	0.1307E+02	0.1312E-01	-0.1150E+02
7.	0.1506E-01	0.3121E+02	0.1892E-01	0.6988E+01	0.2459E-01	0.9653E+01
8.	0.6697E-02	0.4121E+02	0.1821E-01	0.1444E+02	0.1037E-01	-0.2788E+01
9.	0.1161E-01	0.4522E+01	0.1243E-01	0.1283E+02	0.2439E-01	-0.9707E+01
10.	0.1030E-01	0.7543E+02	0.1172E-01	0.4680E+02	0.2465E-01	0.8144E+02
11.	0.9519E-02	0.9179E+02	0.1244E-01	0.8580E+02	0.1279E-01	0.1159E+03
12.	0.6780E-02	0.1577E+03	0.2220E-02	0.1580E+03	0.4871E-02	-0.1502E+03
13.	0.2523E-03	-0.7493E+02	0.5836E-02	0.4683E+02	0.5651E-02	0.2982E+02
14.	0.1001E-02	-0.2863E+02	0.1558E-02	-0.2358E+02	0.5339E-02	0.2919E+02
15.	0.1584E-02	-0.6496E+02	0.2793E-02	0.2973E+02	0.5799E-03	-0.5001E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1227E+02	0.0000E+00	0.1283E+02	0.0000E+00	0.1318E+02	0.0000E+00
1.	0.2267E+01	-0.7232E+02	0.1176E+01	-0.8077E+02	0.7031E+00	-0.8430E+02
2.	0.7341E+00	0.3635E+02	0.2939E+00	0.1434E+02	0.1509E+00	0.1016E+02
3.	0.2287E+00	-0.1595E+03	0.2289E-01	-0.9860E+02	0.3879E-01	-0.8517E+02
4.	0.1839E+00	-0.6649E+02	0.8162E-02	-0.1638E+03	0.3511E-02	0.1182E+03
5.	0.1297E+00	0.2361E+02	0.2594E-01	-0.5898E+02	0.1607E-01	-0.6535E+02
6.	0.7426E-01	0.1416E+03	0.1609E-01	0.3501E+02	0.8723E-02	0.1395E+02
7.	0.6706E-01	-0.7917E+02	0.1783E-02	-0.2947E+02	0.3673E-02	-0.3956E+02
8.	0.6234E-01	0.2390E+02	0.8997E-02	-0.4272E+02	0.5550E-02	-0.4197E+02
9.	0.2378E-01	0.1435E+03	0.1299E-01	-0.1003E+02	0.8647E-02	-0.1910E+02
10.	0.1261E-01	-0.5411E+02	0.1277E-01	0.8892E+02	0.7718E-02	0.7770E+02
11.	0.3641E-01	0.7372E+02	0.7189E-02	0.1238E+03	0.4188E-02	0.1034E+03
12.	0.2704E-01	-0.1698E+03	0.7152E-02	-0.1520E+03	0.4490E-02	-0.1700E+03
13.	0.2558E-01	-0.3340E+02	0.3799E-02	-0.2498E+02	0.2216E-02	-0.6839E+02
14.	0.2317E-01	0.6343E+02	0.5232E-02	0.2224E+02	0.2603E-02	0.1895E+00
15.	0.1692E-01	-0.1478E+03	0.2291E-02	-0.5100E+02	0.8772E-03	-0.1470E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1314E+02	0.0000E+00	0.1334E+02	0.0000E+00	0.1357E+02	0.0000E+00
1.	0.5664E+00	-0.8809E+02	0.4570E+00	-0.8959E+02	0.2578E+00	-0.1041E+03
2.	0.1228E+00	0.5425E+01	0.9167E-01	0.3522E+01	0.5326E-01	-0.3898E+01
3.	0.3864E-01	-0.9239E+02	0.3448E-01	-0.9105E+02	0.2392E-01	-0.1137E+03
4.	0.2505E-02	0.1343E+03	0.3351E-02	0.1243E+03	0.4141E-02	0.1630E+03
5.	0.1559E-01	-0.6424E+02	0.1257E-01	-0.6642E+02	0.1097E-01	-0.8465E+02
6.	0.8836E-02	0.1814E+02	0.5344E-02	0.2004E+02	0.3426E-02	0.1205E+02
7.	0.4332E-02	-0.2918E+02	0.4374E-02	-0.5293E+02	0.3425E-02	-0.9967E+02
8.	0.3796E-02	-0.3298E+02	0.3478E-02	-0.2918E+02	0.2178E-02	-0.6118E+02
9.	0.8346E-02	-0.2508E+02	0.6476E-02	-0.3429E+02	0.5411E-02	-0.6029E+02
10.	0.7686E-02	0.7319E+02	0.5692E-02	0.6562E+02	0.3340E-02	0.5660E+02
11.	0.4488E-02	0.9525E+02	0.3721E-02	0.9777E+02	0.2825E-02	0.5640E+02
12.	0.5105E-02	0.1787E+03	0.3992E-02	-0.1768E+03	0.4567E-02	0.1505E+03
13.	0.2028E-02	-0.9065E+02	0.2383E-02	-0.8071E+02	0.1243E-02	-0.1241E+03
14.	0.3330E-02	0.2035E+01	0.2282E-02	-0.2579E+01	0.2292E-02	-0.2928E+02
15.	0.1286E-02	-0.1176E+02	0.8850E-03	-0.7474E+02	0.1507E-02	-0.1049E+03

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Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1353E+02	0.0000E+00
1.	0.6325E-01	0.1439E+03
2.	0.1517E-01	-0.1486E+03
3.	0.1354E-01	-0.1118E+03
4.	0.3102E-02	0.1399E+03
5.	0.7439E-02	-0.8767E+02
6.	0.2584E-02	0.5806E+02
7.	0.2657E-02	-0.1036E+03
8.	0.1315E-02	-0.2908E+02
9.	0.3514E-02	-0.8032E+02
10.	0.1638E-02	0.6894E+02
11.	0.1417E-02	0.4101E+02
12.	0.3476E-02	0.1426E+03
13.	0.6612E-03	-0.1737E+03
14.	0.1146E-02	-0.2840E+02
15.	0.1632E-02	-0.9631E+02



Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1523E+02	0.0000E+00	0.1378E+02	0.0000E+00	0.1214E+02	0.0000E+00
1.	0.7937E+00	0.4573E+02	0.1523E+01	-0.5388E+02	0.2701E+01	-0.6838E+02
2.	0.5891E+00	0.7954E+02	0.4456E+00	0.7095E+02	0.7208E+00	0.4805E+02
3.	0.3692E+00	-0.8014E+02	0.3914E+00	-0.8068E+02	0.3048E+00	-0.1158E+03
4.	0.1110E+00	-0.4060E+01	0.1092E+00	-0.4508E+01	0.1673E+00	-0.2214E+02
5.	0.9620E-01	-0.3505E+02	0.8434E-01	-0.3742E+02	0.2889E-01	0.3654E+02
6.	0.4585E-01	0.2928E+02	0.5640E-01	0.2192E+02	0.4599E-01	-0.2341E+02
7.	0.2119E-01	0.2367E+02	0.1758E-01	0.3651E+02	0.4352E-01	0.5579E+02
8.	0.1380E-01	0.1864E+02	0.1707E-01	-0.1434E+02	0.2388E-01	-0.1187E+03
9.	0.1077E-01	0.7030E+01	0.2161E-01	0.2177E+02	0.4689E-01	-0.1055E+01
10.	0.9011E-02	0.9978E+02	0.1185E-01	0.9958E+02	0.3648E-01	0.1116E+03
11.	0.1269E-01	0.1095E+03	0.1626E-01	0.7740E+02	0.5465E-02	-0.1319E+03
12.	0.9818E-02	0.1576E+03	0.1309E-01	0.1571E+03	0.1296E-01	0.8255E+02
13.	0.2333E-02	0.1437E+03	0.8339E-03	-0.1754E+03	0.1014E-01	0.1774E+03
14.	0.2880E-02	0.3811E+02	0.3758E-02	0.1066E+02	0.1389E-01	-0.3815E+02
15.	0.2331E-02	-0.1469E+02	0.2897E-02	-0.5025E+02	0.8471E-02	0.6874E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1231E+02	0.0000E+00	0.1257E+02	0.0000E+00	0.1300E+02	0.0000E+00
1.	0.2243E+01	-0.7235E+02	0.2408E+01	-0.7494E+02	0.1125E+01	-0.8258E+02
2.	0.6286E+00	0.3687E+02	0.7987E+00	0.3058E+02	0.1961E+00	0.4982E+01
3.	0.1777E+00	-0.1485E+03	0.2202E+00	0.1668E+03	0.7939E-01	-0.2641E+02
4.	0.1248E+00	-0.6329E+02	0.1585E+00	-0.7767E+02	0.6199E-01	0.9036E+02
5.	0.8704E-01	0.4948E+01	0.1046E+00	0.3479E+02	0.4965E-01	-0.1420E+03
6.	0.4293E-01	0.8205E+02	0.6728E-01	-0.1783E+03	0.4057E-01	-0.3535E+02
7.	0.1393E-01	-0.1677E+03	0.8583E-01	-0.4078E+02	0.2154E-01	0.7022E+02
8.	0.3078E-01	-0.7951E+02	0.7355E-01	0.7374E+02	0.1888E-01	-0.1604E+03
9.	0.4819E-01	-0.5362E+01	0.4710E-01	-0.1500E+03	0.2363E-01	-0.3428E+02
10.	0.4757E-01	0.9078E+02	0.3649E-01	-0.1391E+02	0.1818E-01	0.6903E+02
11.	0.1393E-01	0.1694E+03	0.4102E-01	0.1061E+03	0.8883E-02	0.1421E+03
12.	0.2812E-01	-0.8566E+02	0.2847E-01	-0.1208E+03	0.4665E-02	-0.1447E+03
13.	0.2464E-01	0.2527E+02	0.2734E-01	0.4196E+02	0.2190E-02	-0.2507E+02
14.	0.1328E-01	0.1108E+03	0.2691E-01	-0.1703E+03	0.3824E-02	-0.3908E+02
15.	0.9041E-02	-0.1409E+03	0.4081E-01	-0.3918E+02	0.4858E-02	-0.5952E+01

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1349E+02	0.0000E+00	0.1318E+02	0.0000E+00	0.1352E+02	0.0000E+00
1.	0.8952E+00	-0.8381E+02	0.6508E+00	-0.8594E+02	0.5223E+00	-0.8886E+02
2.	0.1384E+00	0.2897E+01	0.8871E-01	0.6023E+01	0.6365E-01	0.3591E+01
3.	0.7015E-01	-0.4757E+02	0.4603E-01	-0.5200E+02	0.4384E-01	-0.6592E+02
4.	0.4014E-01	0.8339E+02	0.2590E-01	0.8454E+02	0.1831E-01	0.8462E+02
5.	0.2783E-01	-0.1398E+03	0.1937E-01	-0.1334E+03	0.1500E-01	-0.1238E+03
6.	0.2580E-01	-0.3979E+02	0.1498E-01	-0.4017E+02	0.1191E-01	-0.3688E+02
7.	0.1323E-01	0.4471E+02	0.1924E-02	0.2595E+02	0.3110E-02	-0.7657E-01
8.	0.9894E-02	-0.1594E+03	0.7647E-02	-0.1434E+03	0.5219E-02	-0.1469E+03
9.	0.1662E-01	-0.3771E+02	0.1453E-01	-0.4091E+02	0.1088E-01	0.3888E+02
10.	0.1267E-01	0.5923E+02	0.9351E-02	0.5866E+02	0.7911E-02	0.5307E+02
11.	0.8274E-02	0.1155E+03	0.6946E-02	0.9847E+02	0.5019E-02	0.9168E+02
12.	0.6078E-02	-0.1570E+03	0.5119E-02	-0.1726E+03	0.4024E-02	0.1774E+03
13.	0.3414E-02	-0.4145E+02	0.3767E-02	-0.4662E+02	0.2197E-02	-0.6848E+02
14.	0.2951E-02	-0.2475E+02	0.3092E-02	-0.1129E+02	0.2188E-02	-0.2304E+02
15.	0.3374E-02	-0.1998E+02	0.3820E-02	-0.3573E+02	0.3082E-02	-0.3497E+02

Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.65		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1320E+02	0.0000E+00	0.1357E+02	0.0000E+00	0.1348E+02	0.0000E+00
1.	0.4523E+00	-0.9241E+02	0.3288E+00	-0.9436E+02	0.1907E+00	-0.1121E+03
2.	0.5532E-01	-0.2049E+01	0.3436E-01	-0.1180E+02	0.1281E-01	-0.2973E+02
3.	0.4753E-01	-0.7912E+02	0.4393E-01	-0.9290E+02	0.2830E-01	-0.9954E+02
4.	0.1402E-01	0.8425E+02	0.7949E-02	0.1078E+03	0.8368E-02	0.1205E+03
5.	0.1284E-01	-0.1113E+03	0.9355E-02	-0.9463E+02	0.1032E-01	-0.1063E+03
6.	0.9172E-02	-0.3054E+02	0.8324E-02	-0.4676E+02	0.4914E-02	-0.4091E+02
7.	0.4789E-02	-0.1460E+02	0.7180E-02	-0.2998E+02	0.3801E-02	-0.7213E+02
8.	0.1348E-02	-0.1181E+03	0.1539E-02	-0.9318E+02	0.1243E-02	-0.1260E+03
9.	0.8379E-02	-0.3941E+02	0.5915E-02	-0.5140E+02	0.5992E-02	-0.6413E+02
10.	0.5819E-02	0.4744E+02	0.4678E-02	0.4249E+02	0.4188E-02	0.3851E+02
11.	0.3409E-02	0.8256E+02	0.3318E-02	0.6554E+02	0.2645E-02	0.4320E+02
12.	0.4159E-02	0.1777E+03	0.2206E-02	0.1695E+03	0.2556E-02	0.1455E+03
13.	0.1966E-02	-0.1104E+03	0.9902E-03	-0.1069E+03	0.1223E-02	-0.1310E+03
14.	0.2236E-02	-0.2846E+02	0.1434E-02	-0.2187E+02	0.1300E-02	-0.3580E+02
15.	0.1453E-02	-0.3927E+02	0.1676E-02	-0.9267E+02	0.1682E-02	-0.9036E+02

Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1511E+02	0.0000E+00	0.1295E+02	0.0000E+00	0.1190E+02	0.0000E+00
1.	0.8114E+00	0.2091E+02	0.2190E+01	-0.5760E+02	0.2652E+01	-0.8100E+02
2.	0.5518E+00	0.9066E+02	0.4793E+00	0.7358E+02	0.9686E+00	0.1456E+02
3.	0.4257E+00	-0.7072E+02	0.4564E+00	-0.8086E+02	0.3850E+00	0.1147E+03
4.	0.1124E+00	-0.1639E+02	0.1493E+00	-0.1388E+02	0.2531E+00	-0.1402E+03
5.	0.1240E+00	-0.2988E+02	0.9597E-01	-0.2496E+02	0.1413E+00	-0.2047E+02
6.	0.5258E-01	0.2362E+02	0.6516E-01	0.2323E+02	0.8159E-01	0.1447E+03
7.	0.2755E-01	0.2390E+02	0.2240E-01	0.4056E+02	0.1400E+00	-0.7123E+02
8.	0.1434E-01	0.3449E+02	0.1322E-01	0.2745E+01	0.1570E+00	0.3494E+02
9.	0.1403E-01	0.2162E+02	0.1892E-01	0.2167E+02	0.1221E+00	0.1421E+03
10.	0.7884E-02	0.5032E+02	0.1021E-01	0.6693E+02	0.7206E-01	-0.1088E+03
11.	0.1540E-01	0.9251E+02	0.1526E-01	0.7829E+02	0.3370E-01	0.5802E+02
12.	0.8825E-02	0.1728E+03	0.8770E-02	0.1503E+03	0.5014E-01	-0.1236E+03
13.	0.1833E-02	0.1651E+03	0.2212E-02	0.1355E+03	0.8049E-01	0.1758E+01
14.	0.3703E-02	-0.1085E+03	0.1659E-02	-0.9139E+02	0.8591E-01	0.1146E+03
15.	0.4272E-02	-0.4728E+02	0.3012E-02	-0.5115E+02	0.7947E-01	-0.1223E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1300E+02	0.0000E+00	0.1307E+02	0.0000E+00	0.1349E+02	0.0000E+00
1.	0.7553E+00	-0.8590E+02	0.5336E+00	-0.9274E+02	0.1829E+00	-0.1027E+03
2.	0.1684E-01	0.1109E+02	0.2144E-01	0.8178E+02	0.4380E-01	0.9712E+02
3.	0.1218E+00	-0.6237E+02	0.6909E-01	-0.7118E+02	0.1567E-01	-0.1193E+03
4.	0.6645E-01	0.6242E+02	0.3022E-01	0.7228E+02	0.1361E-01	0.1401E+03
5.	0.3795E-01	-0.1798E+03	0.1938E-01	-0.1598E+03	0.1298E-01	-0.1301E+03
6.	0.2505E-01	-0.8654E+02	0.1220E-01	-0.7637E+02	0.4699E-02	-0.1016E+03
7.	0.1728E-01	-0.5859E+00	0.5690E-02	-0.4097E+01	0.4510E-02	-0.9543E+02
8.	0.2584E-02	0.1640E+03	0.4972E-02	0.1669E+03	0.1459E-02	-0.1367E+03
9.	0.1389E-01	-0.5723E+02	0.8745E-02	-0.6571E+02	0.6020E-02	-0.7127E+02
10.	0.5830E-02	0.9164E+02	0.5750E-02	0.3351E+02	0.2512E-02	0.5205E+02
11.	0.8491E-02	0.9860E+02	0.5008E-02	0.7256E+02	0.2285E-02	0.4013E+02
12.	0.5326E-02	0.1602E+03	0.4553E-02	0.1733E+03	0.4056E-02	0.1475E+03
13.	0.6726E-03	0.2273E+02	0.1046E-02	-0.1152E+03	0.1455E-02	-0.1073E+03
14.	0.4221E-02	-0.3012E+02	0.1279E-02	-0.3958E+02	0.1853E-02	-0.5591E+02
15.	0.7808E-02	-0.7044E+02	0.2424E-02	-0.7246E+02	0.3013E-02	-0.1236E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1380E+02	0.0000E+00
1.	0.2322E+00	0.1051E+03
2.	0.5593E-01	0.1758E+03
3.	0.1008E-01	-0.1176E+01
4.	0.7519E-02	0.1403E+03
5.	0.1006E-01	-0.1179E+03
6.	0.3564E-02	-0.2124E+02
7.	0.1960E-02	0.1637E+03
8.	0.1770E-02	0.1477E+03
9.	0.3548E-02	-0.1144E+03
10.	0.1449E-02	-0.4165E+02
11.	0.1253E-02	-0.4505E+02
12.	0.2114E-02	0.1421E+03
13.	0.6987E-03	-0.1572E+03
14.	0.3899E-03	-0.1065E+03
15.	0.1140E-02	-0.1178E+03

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Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0	0.1634E+02	0.0000E+00	0.1342E+02	0.0000E+00	0.1173E+02	0.0000E+00
1	0.7689E+00	0.3256E+02	0.1882E+01	-0.6136E+02	0.2868E+01	-0.7434E+02
2	0.4252E+00	0.9811E+02	0.2965E+00	0.7745E+02	0.5829E+00	0.3287E+02
3	0.3690E+00	-0.7447E+02	0.4248E+00	-0.8275E+02	0.2793E+00	-0.1074E+03
4	0.9558E-01	-0.3458E+02	0.1048E+00	-0.2546E+02	0.1825E+00	-0.1427E+02
5	0.1193E+00	-0.3994E+02	0.1025E+00	-0.4951E+02	0.5151E-01	0.9185E+02
6	0.4903E-01	0.1121E+02	0.6453E-01	0.6857E+01	0.4622E-01	-0.8236E+02
7	0.2358E-01	0.3330E+01	0.2174E-01	0.1068E+02	0.3939E-01	0.1322E+02
8	0.1378E-01	0.7910E+01	0.1522E-01	-0.1080E+02	0.1671E-01	-0.1269E+03
9	0.1447E-01	-0.2829E+01	0.1703E-01	-0.8594E+01	0.4427E-01	-0.1762E+02
10	0.5229E-02	0.4288E+02	0.8709E-02	0.5557E+02	0.3488E-01	0.9533E+02
11	0.1291E-01	0.6027E+02	0.1422E-01	0.4832E+02	0.3936E-02	-0.1494E+03
12	0.7050E-02	0.1429E+03	0.9902E-02	0.1330E+03	0.1318E-01	0.7858E+02
13	0.2143E-02	0.1164E+03	0.2063E-03	0.1330E+03	0.1266E-01	-0.1765E+03
14	0.3489E-02	-0.9208E+02	0.1924E-02	-0.1087E+03	0.1832E-01	-0.5800E+02
15	0.4882E-02	-0.8457E+02	0.6433E-02	-0.9517E+02	0.6815E-02	0.1126E+02

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0	0.1169E+02	0.0000E+00	0.1143E+02	0.0000E+00	0.1197E+02	0.0000E+00
1	0.2584E+01	-0.7988E+02	0.2967E+01	-0.8149E+02	0.2449E+01	-0.8354E+02
2	0.7424E+00	0.1908E+02	0.9332E+00	0.1541E+02	0.8832E+00	0.1094E+02
3	0.1854E+00	0.1523E+03	0.2032E+00	0.1235E+03	0.3479E+00	0.1040E+03
4	0.1733E+00	-0.1090E+03	0.7829E-01	-0.9536E+02	0.1987E+00	-0.1625E+03
5	0.1346E+00	-0.1787E+02	0.7910E-01	0.5882E+02	0.5677E-01	-0.7487E+02
6	0.6015E-01	0.7980E+02	0.9110E-01	0.1776E+03	0.7706E-01	-0.1300E+03
7	0.1868E-01	-0.1012E+03	0.7689E-01	-0.8982E+02	0.1639E+00	-0.4116E+02
8	0.1573E-01	0.3399E+02	0.5398E-01	-0.4569E+02	0.1746E+00	0.5371E+02
9	0.1212E-01	-0.1501E+03	0.7565E-01	0.1369E+01	0.1339E+00	0.1514E+03
10	0.1441E-01	-0.5842E+02	0.8527E-01	0.8530E+02	0.6654E-01	-0.1073E+03
11	0.2360E-01	0.3247E+02	0.5517E-01	0.1679E+03	0.1665E-01	0.9439E+02
12	0.2110E-01	0.1139E+03	0.1771E-01	-0.1069E+03	0.7013E-01	-0.1078E+03
13	0.1203E-01	-0.1758E+03	0.1894E-01	0.1790E+03	0.1027E+00	-0.2068E+01
14	0.1530E-01	-0.7105E+02	0.4224E-01	-0.8108E+02	0.9616E-01	0.9743E+02
15	0.8709E-02	-0.3466E+01	0.4552E-01	0.8106E+01	0.5859E-01	-0.1574E+03

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0	0.1261E+02	0.0000E+00	0.1295E+02	0.0000E+00	0.1329E+02	0.0000E+00
1	0.9456E+00	-0.8460E+02	0.6888E+00	-0.8759E+02	0.5752E+00	-0.8798E+02
2	0.4372E-01	0.5832E+02	0.4967E-01	0.9108E+02	0.6886E-01	0.9983E+02
3	0.1350E+00	-0.6987E+02	0.9877E-01	-0.7644E+02	0.8073E-01	-0.8069E+02
4	0.6813E-01	0.4852E+02	0.4622E-01	0.5514E+02	0.3479E-01	0.6963E+02
5	0.2684E-01	0.1682E+03	0.2511E-01	0.1750E+03	0.2103E-01	-0.1757E+03
6	0.1065E-01	-0.5199E+02	0.1359E-01	-0.8228E+02	0.1185E-01	-0.8759E+02
7	0.5633E-02	0.1149E+03	0.6721E-02	-0.4402E+01	0.6307E-02	-0.3360E+02
8	0.1768E-01	-0.1143E+03	0.7158E-02	-0.1599E+03	0.5339E-02	-0.1611E+03
9	0.2189E-01	-0.1478E+02	0.9754E-02	-0.5399E+02	0.8926E-02	-0.7039E+02
10	0.1806E-01	0.9206E+02	0.6876E-02	0.6082E+02	0.4486E-02	0.6238E+02
11	0.3748E-02	0.1560E+03	0.5260E-02	0.6733E+02	0.5344E-02	0.6024E+02
12	0.2483E-02	0.1324E+03	0.6006E-02	0.1327E+03	0.5288E-02	0.1508E+03
13	0.3555E-02	0.1725E+03	0.1761E-02	-0.1678E+03	0.7222E-03	-0.6484E+02
14	0.5261E-02	-0.5741E+02	0.3002E-02	-0.4464E+02	0.2454E-02	-0.3894E+02
15	0.4820E-02	-0.2247E+02	0.3354E-02	-0.6069E+02	0.3760E-02	-0.7426E+02

Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1316E+02	0.0000E+00	0.1328E+02	0.0000E+00	0.1340E+02	0.0000E+00
1.	0.3127E+00	-0.9427E+02	0.2716E+00	-0.9148E+02	0.1438E+00	-0.1029E+03
2.	0.7202E-01	0.1522E+03	0.8461E-01	0.1010E+03	0.7436E-01	0.1034E+03
3.	0.6522E-01	-0.7153E+02	0.3647E-01	-0.9219E+02	0.2179E-01	-0.9966E+02
4.	0.2307E-01	0.1604E+03	0.2077E-01	0.1027E+03	0.1888E-01	0.1183E+03
5.	0.1817E-01	-0.5652E+02	0.1663E-01	-0.1516E+03	0.1520E-01	-0.1451E+03
6.	0.5056E-02	0.1343E+03	0.6603E-02	-0.8440E+02	0.6206E-02	-0.8901E+02
7.	0.1095E-01	-0.6514E+02	0.3144E-02	-0.6046E+02	0.3335E-02	-0.7626E+02
8.	0.4115E-02	0.1216E+03	0.3493E-02	-0.1796E+03	0.2032E-02	-0.1664E+03
9.	0.5344E-02	-0.6770E+02	0.5588E-02	-0.7045E+02	0.4980E-02	-0.8059E+02
10.	0.3697E-02	0.1098E+03	0.1074E-02	0.2053E+02	0.7235E-03	0.1823E+02
11.	0.2485E-02	-0.5248E+02	0.2142E-02	0.2234E+02	0.1550E-02	0.1568E+02
12.	0.1928E-02	0.9287E+02	0.3043E-02	0.1528E+03	0.2039E-02	0.1417E+03
13.	0.8043E-03	-0.3407E+02	0.8439E-03	-0.8301E+02	0.9101E-04	0.1741E+02
14.	0.1868E-02	0.1613E+02	0.1133E-02	-0.1604E+02	0.1181E-02	-0.2837E+02
15.	0.1792E-02	-0.1137E+03	0.1957E-02	-0.1045E+03	0.1867E-02	-0.1135E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1340E+02	0.0000E+00
1.	0.2181E+00	0.9571E+02
2.	0.5991E-01	0.1403E+03
3.	0.5413E-02	-0.1665E+03
4.	0.9080E-02	0.1113E+03
5.	0.1164E-01	-0.1421E+03
6.	0.3475E-02	-0.5633E+02
7.	0.8732E-03	-0.7459E+02
8.	0.1778E-02	0.1653E+03
9.	0.3832E-02	-0.9878E+02
10.	0.8994E-03	0.1668E+02
11.	0.1677E-02	-0.2402E+02
12.	0.2373E-02	0.1224E+03
13.	0.8577E-03	0.1676E+03
14.	0.7081E-03	-0.1115E+01
15.	0.1454E-02	-0.1019E+03

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Table IV-3b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1513E+02	0.0000E+00	0.1298E+02	0.0000E+00	0.1161E+02	0.0000E+00
1.	0.4614E+00	0.1770E+02	0.1807E+01	-0.7121E+02	0.2263E+01	-0.9242E+02
2.	0.2579E+00	0.1141E+03	0.1450E+00	0.7643E+02	0.6577E+00	-0.8028E+01
3.	0.3333E+00	-0.7724E+02	0.3766E+00	-0.8108E+02	0.2325E+00	0.5765E+02
4.	0.1196E+00	-0.4925E+02	0.1275E+00	-0.3081E+02	0.1502E+00	0.1358E+03
5.	0.1192E+00	-0.3392E+02	0.9635E-01	-0.2639E+02	0.8467E-01	-0.1670E+03
6.	0.4866E-01	0.8148E+01	0.5715E-01	0.1772E+02	0.8621E-01	-0.1304E+03
7.	0.3335E-01	0.8999E+00	0.2701E-01	0.1670E+02	0.1155E+00	-0.6223E+02
8.	0.1546E-01	0.1015E+02	0.1586E-01	0.7410E+01	0.1047E+00	0.9160E+01
9.	0.1731E-01	-0.6892E+01	0.1830E-01	0.1212E+02	0.7589E-01	0.8440E+02
10.	0.8204E-02	0.5548E+02	0.9563E-02	0.8678E+02	0.4532E-01	0.1559E+03
11.	0.1434E-01	0.7128E+02	0.1565E-01	0.7133E+02	0.1357E-01	0.1599E+03
12.	0.3997E-02	0.1248E+03	0.5745E-02	0.1318E+03	0.3374E-01	-0.1759E+03
13.	0.4831E-02	0.7073E+02	0.4610E-02	0.7464E+02	0.3788E-01	-0.1029E+03
14.	0.3958E-02	-0.5095E+02	0.1690E-02	-0.5499E+02	0.4600E-01	-0.3590E+02
15.	0.8126E-02	-0.6180E+02	0.6532E-02	-0.6020E+02	0.3747E-01	0.2244E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1167E+02	0.0000E+00	0.1136E+02	0.0000E+00	0.1303E+02	0.0000E+00
1.	0.1891E+01	-0.8936E+02	0.1737E+01	-0.8762E+02	0.5360E+00	-0.7940E+02
2.	0.4303E+00	0.2294E+02	0.5403E+00	0.2301E+02	0.1944E+00	0.8978E+02
3.	0.9546E-01	0.1631E+03	0.2362E+00	0.1194E+03	0.7337E-01	-0.7187E+02
4.	0.6550E-01	-0.7776E+02	0.1685E+00	-0.1511E+03	0.2734E-01	0.7664E+02
5.	0.6195E-01	0.4285E+02	0.8333E-01	-0.4828E+02	0.1322E-01	0.1880E+03
6.	0.4547E-01	0.1498E+03	0.1448E-01	0.5376E+02	0.3148E-02	-0.1718E+03
7.	0.2040E-01	-0.8654E+02	0.4528E-01	-0.2836E+02	0.2342E-02	-0.5017E+02
8.	0.1139E-01	0.1344E+03	0.7487E-01	0.7060E+02	0.2173E-02	-0.1385E+03
9.	0.3153E-01	-0.9938E+02	0.8263E-01	0.1848E+03	0.5672E-02	-0.1387E+02
10.	0.3728E-01	0.2823E+00	0.7018E-01	-0.1016E+03	0.3363E-02	0.1079E+03
11.	0.4808E-01	0.8476E+02	0.4985E-01	-0.1204E+01	0.4766E-02	0.8974E+02
12.	0.4400E-01	0.1700E+03	0.2196E-01	0.8528E+02	0.5179E-02	0.1759E+03
13.	0.2369E-01	-0.1107E+03	0.1449E-01	0.7128E+02	0.1215E-03	0.3351E+02
14.	0.2270E-01	-0.6456E+02	0.2691E-01	0.1341E+03	0.1232E-02	-0.6733E-01
15.	0.3118E-01	-0.1725E+02	0.3690E-01	-0.1343E+03	0.3789E-02	-0.7104E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1303E+02	0.0000E+00	0.1316E+02	0.0000E+00	0.1327E+02	0.0000E+00
1.	0.4526E+00	-0.7505E+02	0.3312E+00	-0.7442E+02	0.2863E+00	-0.7320E+02
2.	0.2182E+00	0.9150E+02	0.2080E+00	0.8976E+02	0.2205E+00	0.8911E+02
3.	0.7256E-01	-0.6550E+02	0.5907E-01	-0.6479E+02	0.4546E-01	-0.6244E+02
4.	0.2941E-01	0.9162E+02	0.3048E-01	0.9910E+02	0.3018E-01	0.1077E+03
5.	0.1890E-01	0.1693E+03	0.2480E-01	0.1669E+03	0.3126E-01	0.1790E+03
6.	0.6121E-02	0.1674E+03	0.7259E-02	-0.1780E+03	0.9726E-02	-0.1521E+03
7.	0.1825E-02	-0.9914E+02	0.2651E-02	-0.1524E+03	0.5411E-02	-0.1493E+03
8.	0.3373E-02	-0.1471E+03	0.4634E-02	-0.1656E+03	0.4703E-02	-0.1672E+03
9.	0.3850E-02	-0.3019E+02	0.3328E-02	-0.9093E+02	0.6058E-02	-0.9928E+02
10.	0.4298E-02	0.1615E+03	0.3376E-02	0.1791E+03	0.2885E-02	-0.1271E+03
11.	0.3570E-02	0.9935E+02	0.2110E-02	0.1614E+03	0.2321E-02	-0.1607E+03
12.	0.6708E-02	0.1756E+03	0.3881E-02	-0.1767E+03	0.2920E-02	-0.1701E+03
13.	0.1963E-02	-0.9319E+02	0.6662E-03	-0.1173E+03	0.2003E-02	-0.5832E+02
14.	0.1839E-02	0.5435E+01	0.2281E-02	-0.8425E+02	0.1941E-02	-0.5533E+02
15.	0.4058E-02	-0.1122E+03	0.2904E-02	-0.1241E+03	0.3342E-02	-0.1157E+03

Table IV-3b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1342E+02	0.0000E+00	0.1359E+02	0.0000E+00	0.1342E+02	0.0000E+00
1.	0.2185E+00	-0.7128E+02	0.9906E-01	-0.8131E+02	0.2335E+00	0.2879E+02
2.	0.2188E+00	0.8858E+02	0.2040E+00	0.8864E+02	0.2809E+00	0.1255E+03
3.	0.3514E-01	-0.7684E+02	0.2034E-01	-0.1314E+03	0.1730E+00	-0.5925E+02
4.	0.2613E-01	0.1216E+03	0.1063E-01	0.1763E+03	0.1264E+00	0.1020E+03
5.	0.3478E-01	-0.1745E+03	0.3106E-01	-0.1687E+03	0.1007E+00	-0.1085E+03
6.	0.1298E-01	-0.1200E+03	0.1602E-01	-0.7248E+02	0.6948E-01	0.4458E+02
7.	0.8093E-02	-0.1261E+03	0.1182E-02	0.5266E+02	0.3922E-01	-0.1707E+03
8.	0.3421E-02	-0.1499E+03	0.1679E-02	0.6737E+02	0.1769E-01	-0.5928E+01
9.	0.7321E-02	-0.8510E+02	0.3749E-02	-0.5844E+02	0.1431E-01	0.1589E+03
10.	0.3092E-02	-0.8536E+02	0.3102E-02	0.8577E+01	0.9486E-02	-0.7535E+02
11.	0.1913E-02	-0.8145E+02	0.1900E-02	0.3972E+02	0.3286E-02	0.7631E+02
12.	0.1731E-02	-0.1755E+03	0.2549E-02	0.1284E+03	0.4554E-02	-0.1442E+03
13.	0.2484E-02	-0.2970E+02	0.2374E-03	-0.3854E+02	0.2306E-02	0.5406E+02
14.	0.2571E-02	-0.3031E+02	0.2566E-02	0.1545E+02	0.1949E-02	-0.1012E+03
15.	0.2448E-02	-0.1108E+03	0.2153E-02	-0.1475E+03	0.9518E-03	-0.4559E+02

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Table IV-4a. Harmonic pressure data for 146 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1147E+02	0.0000E+00	0.1184E+02	0.0000E+00	0.1220E+02	0.0000E+00
1.	0.1968E+01	-0.4917E+02	0.1626E+01	-0.6404E+02	0.1186E+01	-0.6836E+02
2.	0.3870E+00	0.1171E+03	0.2456E+00	0.6749E+02	0.2042E+00	0.4985E+02
3.	0.3990E-01	0.1610E+03	0.3718E-01	0.1377E+03	0.2851E-01	0.1201E+03
4.	0.1282E+00	-0.6928E+02	0.7417E-01	-0.7730E+02	0.3713E-01	-0.7401E+02
5.	0.7196E-01	0.2312E+02	0.4137E-01	0.6824E+01	0.2676E-01	0.3170E+01
6.	0.1126E+00	-0.9436E+02	0.5573E-01	-0.9842E+02	0.2541E-01	-0.7887E+02
7.	0.1008E+00	-0.5297E+02	0.5555E-01	-0.5708E+02	0.2955E-01	-0.4733E+02
8.	0.7946E-01	-0.9389E+02	0.4470E-01	-0.9120E+02	0.1864E-01	-0.9195E+02
9.	0.9171E-01	-0.6030E+02	0.4759E-01	-0.5989E+02	0.2390E-01	-0.5204E+02
10.	0.8188E-01	-0.2225E+02	0.4434E-01	-0.2919E+02	0.2306E-01	-0.1819E+02
11.	0.6188E-01	-0.1020E+02	0.3286E-01	-0.1558E+02	0.1501E-01	-0.2283E+02
12.	0.5214E-01	-0.7772E+01	0.2704E-01	-0.1573E+02	0.1230E-01	0.4779E+01
13.	0.2357E-01	0.1474E+02	0.1442E-01	0.8231E+01	0.5571E-02	0.1326E+02
14.	0.1560E-01	0.1794E+02	0.7874E-02	0.4063E+01	0.5547E-02	0.6350E+01
15.	0.9209E-02	0.1206E+02	0.6415E-02	0.8185E+01	0.2018E-02	0.2322E+02

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1271E+02	0.0000E+00	0.1305E+02	0.0000E+00
1.	0.6800E+00	-0.7522E+02	0.2958E+00	-0.7838E+02
2.	0.1238E+00	0.3773E+02	0.5682E-01	0.5169E+02
3.	0.1870E-01	0.7204E+02	0.1480E-01	0.4440E+02
4.	0.1010E-01	-0.7577E+02	0.2973E-02	-0.8518E+02
5.	0.1458E-01	0.1874E+00	0.9936E-02	-0.6285E+01
6.	0.9512E-02	-0.6557E+02	0.4658E-02	-0.6243E+02
7.	0.1208E-01	-0.4830E+02	0.7076E-02	-0.5276E+02
8.	0.8429E-02	-0.1132E+03	0.4231E-02	-0.1439E+03
9.	0.7632E-02	-0.6094E+02	0.3111E-02	-0.8585E+02
10.	0.9219E-02	0.7217E+01	0.5589E-02	-0.1897E+02
11.	0.7540E-02	0.3455E+01	0.6006E-02	-0.2787E+02
12.	0.4737E-02	0.1797E+01	0.4351E-02	-0.6091E+02
13.	0.1430E-02	0.8065E+01	0.1844E-02	-0.7201E+02
14.	0.3667E-03	0.7950E+02	0.1114E-02	0.8429E+02
15.	0.8933E-03	0.4536E+02	0.1185E-02	0.5007E+02



Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1079E+02	0.0000E+00	0.1072E+02	0.0000E+00	0.1112E+02	0.0000E+00
1.	0.3105E+00	-0.1219E+02	0.1433E+01	-0.7649E+02	0.1423E+01	-0.7932E+02
2.	0.2216E+00	-0.1742E+03	0.2388E+00	0.1572E+02	0.2597E+00	0.1254E+02
3.	0.4497E+00	0.1106E+03	0.4208E+00	0.1064E+03	0.2650E+00	0.1021E+03
4.	0.7810E-01	0.1497E+03	0.8324E-01	0.1798E+03	0.6456E-01	0.1697E+03
5.	0.1006E+00	0.5647E+02	0.8700E-01	0.1651E+02	0.4323E-01	0.1744E+02
6.	0.9009E-01	0.9869E+02	0.7757E-01	0.6278E+02	0.3954E-01	0.5618E+02
7.	0.6748E-01	0.1068E+03	0.4562E-01	0.1346E+03	0.1922E-01	0.1246E+03
8.	0.3167E-01	0.1397E+03	0.4153E-01	-0.1704E+03	0.2473E-01	0.1726E+03
9.	0.4002E-01	0.6353E+02	0.1553E-01	0.3608E+02	0.1334E-01	0.5787E+02
10.	0.3413E-01	0.7194E+02	0.3458E-01	0.5837E+02	0.2740E-01	0.3701E+02
11.	0.2558E-01	0.6853E+02	0.4603E-02	0.2106E+02	0.1372E-01	0.1387E+02
12.	0.1313E-01	0.2570E+02	0.1445E-01	-0.7536E+02	0.6173E-02	-0.4814E+02
13.	0.1985E-01	0.6859E+02	0.9597E-02	0.1557E+03	0.1105E-02	-0.1212E+03
14.	0.1528E-01	0.6628E+02	0.2146E-01	0.1175E+03	0.7005E-02	0.7516E+02
15.	0.1694E-01	0.7727E+02	0.1481E-01	0.1131E+03	0.1368E-01	0.7652E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1163E+02	0.0000E+00	0.1211E+02	0.0000E+00	0.1235E+02	0.0000E+00
1.	0.1243E+01	-0.8054E+02	0.8897E+00	-0.8170E+02	0.6562E+00	-0.8255E+02
2.	0.2233E+00	0.1063E+02	0.1469E+00	0.6746E+01	0.8194E-01	0.7240E+01
3.	0.1694E+00	0.9607E+02	0.1022E+00	0.8967E+02	0.7005E-01	0.8091E+02
4.	0.3928E-01	0.1664E+03	0.2651E-01	0.1503E+03	0.1984E-01	0.1499E+03
5.	0.2094E-01	0.3126E+02	0.1427E-01	0.3160E+02	0.9873E-02	0.2776E+02
6.	0.2332E-01	0.5725E+02	0.1184E-01	0.4578E+02	0.7636E-02	0.4067E+02
7.	0.1479E-01	0.1099E+03	0.6427E-02	0.1047E+03	0.4416E-02	0.8461E+02
8.	0.1240E-01	0.1603E+03	0.1234E-01	0.1592E+03	0.1009E-01	0.1532E+03
9.	0.9588E-02	0.6627E+02	0.7082E-02	0.7528E+02	0.6725E-02	0.8128E+02
10.	0.1312E-01	0.3872E+02	0.1530E-01	0.3246E+02	0.1049E-01	0.3316E+02
11.	0.9223E-02	0.2300E+02	0.1005E-01	0.6703E+01	0.5615E-02	0.1469E+02
12.	0.3478E-02	-0.3212E+02	0.4044E-02	-0.6280E+02	0.2786E-02	-0.8580E+02
13.	0.2593E-02	0.6283E+02	0.1834E-02	-0.7013E+02	0.1753E-02	-0.3003E+02
14.	0.4330E-02	0.4015E+02	0.3539E-02	0.6131E+02	0.3548E-02	0.5717E+02
15.	0.5830E-02	0.7118E+02	0.5249E-02	0.4161E+02	0.5519E-02	0.4247E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1269E+02	0.0000E+00	0.1287E+02	0.0000E+00	0.1304E+02	0.0000E+00
1.	0.4078E+00	-0.8165E+02	0.2902E+00	-0.8286E+02	0.1409E+00	-0.8313E+02
2.	0.3131E-01	0.1897E+02	0.2093E-01	0.1590E+01	0.1118E-01	0.1636E+03
3.	0.5108E-01	0.7050E+02	0.3782E-01	0.7203E+02	0.2299E-01	0.5197E+02
4.	0.1240E-01	0.1347E+03	0.1552E-01	0.1189E+03	0.8537E-02	0.1268E+03
5.	0.1103E-01	0.3420E+02	0.1155E-01	0.4540E+02	0.6147E-02	0.2872E+02
6.	0.5761E-02	0.4778E+02	0.3921E-02	0.3457E+02	0.2805E-02	0.1733E+02
7.	0.7002E-03	-0.1673E+03	0.3330E-02	-0.1433E+03	0.1487E-02	-0.9708E+02
8.	0.8013E-02	0.1536E+03	0.1114E-01	0.1576E+03	0.6160E-02	0.1582E+03
9.	0.6852E-02	0.9197E+02	0.1209E-01	0.8879E+02	0.6432E-02	0.9565E+02
10.	0.1067E-01	0.3878E+02	0.1294E-01	0.3642E+02	0.8775E-02	0.3943E+02
11.	0.4636E-02	0.4708E+02	0.7615E-02	-0.2733E+01	0.4847E-02	0.9667E+01
12.	0.2697E-02	-0.6651E+02	0.2692E-02	-0.3724E+02	0.1640E-02	-0.6493E+02
13.	0.2593E-02	-0.1307E+03	0.2202E-02	-0.8802E+02	0.1678E-02	-0.3731E+02
14.	0.3881E-02	0.5751E+02	0.4528E-02	0.5633E+02	0.2496E-02	0.2869E+02
15.	0.3698E-02	0.3988E+02	0.6749E-02	0.3191E+02	0.4067E-02	0.1921E+02

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1329E+02	0.0000E+00
1.	0.3948E-01	0.1103E+03
2.	0.2170E-01	-0.1743E+03
3.	0.1025E-01	0.2383E+02
4.	0.5980E-02	0.8478E+02
5.	0.5010E-02	0.1739E+02
6.	0.3974E-02	-0.2350E+02
7.	0.4191E-02	-0.8532E+02
8.	0.4893E-02	0.1718E+03
9.	0.3215E-02	0.1285E+03
10.	0.5518E-02	0.3516E+02
11.	0.2264E-02	-0.9887E+01
12.	0.2518E-02	-0.6926E+02
13.	0.2360E-02	-0.1467E+03
14.	0.1762E-02	0.1330E+03
15.	0.1015E-02	0.7138E+02

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9628E+01	0.0000E+00	0.9662E+01	0.0000E+00	0.1016E+02	0.0000E+00
1.	0.2705E+01	0.1174E+03	0.5915E+00	-0.1826E+03	0.1657E+01	-0.9570E+02
2.	0.3655E+00	0.1534E+03	0.9736E-01	-0.1162E+03	0.6355E+00	-0.5423E+01
3.	0.9037E+00	0.1122E+03	0.4443E+00	0.1082E+03	0.5941E+00	0.9254E+02
4.	0.3309E+00	0.1044E+03	0.1445E+00	0.1146E+03	0.2593E+00	0.1621E+03
5.	0.1990E+00	0.1201E+03	0.1325E+00	0.1261E+03	0.6319E-01	-0.1289E+03
6.	0.1614E+00	0.1091E+03	0.9223E-01	0.1295E+03	0.3209E-01	0.9087E+02
7.	0.1183E+00	0.1166E+03	0.5970E-01	0.1383E+03	0.3324E-01	-0.1115E+03
8.	0.1040E+00	0.1364E+03	0.6286E-01	0.1452E+03	0.4246E-01	0.1776E+02
9.	0.7591E-01	0.1415E+03	0.4018E-01	0.1491E+03	0.9252E-01	0.9795E+02
10.	0.4800E-01	0.1258E+03	0.2208E-01	0.1086E+03	0.7235E-01	0.1637E+03
11.	0.4962E-01	0.1125E+03	0.2909E-01	0.1008E+03	0.4635E-01	-0.8024E+02
12.	0.4387E-01	0.1236E+03	0.2098E-01	0.1328E+03	0.2578E-01	0.2998E+00
13.	0.3938E-01	0.1411E+03	0.1804E-01	0.1460E+03	0.1762E-01	-0.1651E+03
14.	0.2823E-01	0.1458E+03	0.1399E-01	0.1555E+03	0.1819E-01	-0.2231E+02
15.	0.2919E-01	0.1402E+03	0.1941E-01	0.1412E+03	0.5462E-01	0.9475E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1095E+02	0.0000E+00	0.1146E+02	0.0000E+00	0.1195E+02	0.0000E+00
1.	0.1598E+01	-0.9283E+02	0.1124E+01	-0.9101E+02	0.6868E+00	-0.9146E+02
2.	0.5998E+00	-0.6271E+01	0.2517E+00	-0.1404E+02	0.1324E+00	-0.2286E+02
3.	0.5099E+00	0.8676E+02	0.1661E+00	0.7586E+02	0.9574E-01	0.6561E+02
4.	0.2994E+00	0.1651E+03	0.5852E-01	0.1198E+03	0.3139E-01	0.1070E+03
5.	0.1848E+00	-0.1094E+03	0.3964E-01	0.1360E+03	0.2514E-01	0.1254E+03
6.	0.1584E+00	-0.5191E+01	0.1041E-01	0.1557E+03	0.7632E-02	0.1464E+03
7.	0.1576E+00	0.8342E+02	0.1162E-01	-0.2445E+02	0.8163E-03	-0.1121E+03
8.	0.1502E+00	0.1672E+03	0.1479E-01	0.1207E+03	0.1070E-01	0.1469E+03
9.	0.9446E-01	-0.9588E+02	0.1310E-01	0.1241E+03	0.8770E-02	0.1345E+03
10.	0.1060E+00	0.1333E+02	0.7820E-02	0.1092E+03	0.3939E-02	0.1049E+03
11.	0.4432E-01	0.1279E+03	0.7518E-02	-0.1724E+02	0.3869E-02	0.1204E+02
12.	0.5604E-01	-0.1287E+03	0.6747E-02	-0.8343E+00	0.3470E-02	0.9423E+01
13.	0.3154E-01	-0.3477E+02	0.1105E-01	0.1581E+03	0.4832E-02	0.1267E+03
14.	0.4822E-01	0.8997E+02	0.1505E-01	0.1777E+03	0.9366E-02	0.1559E+03
15.	0.5845E-01	0.1678E+03	0.1145E-01	-0.1767E+03	0.6462E-02	0.1631E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1210E+02	0.0000E+00	0.1256E+02	0.0000E+00	0.1303E+02	0.0000E+00
1.	0.5988E+00	-0.9057E+02	0.2549E+00	-0.8900E+02	0.1695E+00	-0.8174E+02
2.	0.1006E+00	-0.2888E+02	0.3772E-01	-0.6120E+02	0.1825E-01	-0.1152E+03
3.	0.8217E-01	0.6423E+02	0.5185E-01	0.4682E+02	0.3105E-01	0.4206E+02
4.	0.3188E-01	0.1028E+03	0.1291E-01	0.9205E+02	0.7860E-02	0.6594E+02
5.	0.1880E-01	0.1226E+03	0.1394E-01	0.1194E+03	0.7217E-02	0.1092E+03
6.	0.7065E-02	0.1096E+03	0.5604E-02	0.1166E+03	0.3452E-02	0.1021E+03
7.	0.1389E-02	-0.7556E+02	0.2288E-02	0.1328E+03	0.1267E-02	-0.1430E+03
8.	0.8650E-02	0.1629E+03	0.7229E-02	0.1586E+03	0.3355E-02	0.1477E+03
9.	0.8758E-02	0.1276E+03	0.3421E-02	0.1727E+03	0.1871E-02	0.1444E+03
10.	0.5557E-02	0.4469E+02	0.4213E-02	0.9973E+02	0.2043E-02	0.7052E+02
11.	0.8152E-02	0.6132E+02	0.1692E-02	0.4793E+02	0.2220E-02	0.2455E+02
12.	0.1043E-02	-0.7491E+02	0.2745E-02	0.2484E+00	0.2629E-02	-0.4412E+01
13.	0.4902E-02	-0.1665E+03	0.4007E-03	-0.1768E+03	0.1208E-02	0.7544E+02
14.	0.1003E-01	-0.1582E+03	0.3965E-02	-0.1723E+03	0.3344E-02	0.1684E+03
15.	0.8704E-02	-0.1331E+03	0.5908E-02	0.1737E+03	0.3587E-02	0.1695E+03

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1334E+02	0.0000E+00
1.	0.1288E+00	0.1000E+03
2.	0.4675E-01	-0.1807E+03
3.	0.2156E-01	-0.4809E+01
4.	0.3187E-02	-0.1378E+02
5.	0.3497E-02	0.1181E+03
6.	0.5752E-02	0.7157E+02
7.	0.4538E-02	0.4357E+02
8.	0.1404E-02	0.1622E+03
9.	0.1172E-02	-0.9929E+02
10.	0.1859E-02	0.8354E+02
11.	0.5895E-02	0.2835E+02
12.	0.2737E-02	-0.1724E+02
13.	0.2288E-02	-0.3757E+02
14.	0.8980E-03	-0.1565E+03
15.	0.4676E-02	-0.1582E+03

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9586E+01	0.0000E+00	0.9638E+01	0.0000E+00	0.1042E+02	0.0000E+00
1.	0.1398E+01	0.1384E+03	0.1299E+01	-0.1132E+03	0.2047E+01	-0.9409E+02
2.	0.2724E+00	0.1621E+03	0.4057E+00	-0.2018E+02	0.1008E+01	-0.8792E+01
3.	0.3688E+00	0.1184E+03	0.3162E+00	0.7858E+02	0.7396E+00	0.7855E+02
4.	0.1143E+00	0.9555E+02	0.1152E+00	0.8610E+02	0.4321E+00	0.1659E+03
5.	0.1244E+00	0.1392E+03	0.1298E+00	0.1263E+03	0.2529E+00	-0.1039E+03
6.	0.6355E-01	0.1417E+03	0.9775E-01	0.1575E+03	0.1183E+00	0.1282E+02
7.	0.4953E-01	0.1245E+03	0.3479E-01	-0.1696E+03	0.5702E-01	0.1423E+03
8.	0.4210E-01	0.1390E+03	0.1235E-01	0.1336E+03	0.8222E-01	-0.3268E+02
9.	0.3023E-01	-0.1793E+03	0.1492E-01	0.1604E+03	0.1550E+00	0.6725E+02
10.	0.1500E-01	-0.1398E+03	0.1312E-01	-0.5232E+02	0.1651E+00	0.1631E+03
11.	0.8488E-02	-0.1570E+03	0.2387E-01	0.5136E+02	0.1419E+00	-0.9704E+02
12.	0.1620E-01	-0.1670E+03	0.2306E-01	0.1181E+03	0.9952E-01	0.1087E+02
13.	0.1820E-01	0.1796E+03	0.1204E-01	0.1535E+03	0.6373E-01	0.1368E+03
14.	0.1560E-01	-0.1589E+03	0.1736E-01	0.1383E+03	0.5730E-01	-0.7058E+02
15.	0.2122E-01	-0.1640E+03	0.2067E-01	-0.1596E+03	0.9670E-01	0.5322E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1205E+02	0.0000E+00	0.1213E+02	0.0000E+00	0.1237E+02	0.0000E+00
1.	0.5872E+00	-0.9583E+02	0.3879E+00	-0.9645E+02	0.2391E+00	-0.9495E+02
2.	0.1094E+00	-0.6377E+02	0.7843E-01	-0.1082E+03	0.6401E-01	-0.1221E+03
3.	0.9292E-01	0.1009E+02	0.7268E-01	-0.2162E+02	0.4980E-01	-0.2394E+02
4.	0.7683E-01	0.5446E+02	0.8264E-01	0.2146E+02	0.6443E-01	0.1485E+02
5.	0.6148E-01	0.1550E+03	0.6820E-01	0.1159E+03	0.5227E-01	0.1080E+03
6.	0.1396E-01	-0.8386E+02	0.3526E-01	0.1682E+03	0.3216E-01	0.1706E+03
7.	0.4826E-01	0.6390E+02	0.8686E-02	0.2060E+02	0.2297E-02	-0.9394E+02
8.	0.4833E-01	0.1530E+03	0.1047E-01	0.1106E+03	0.6978E-02	0.9420E+02
9.	0.3120E-01	-0.1020E+03	0.3162E-02	0.2260E+01	0.7066E-02	0.7114E+02
10.	0.2861E-01	-0.2058E+01	0.8878E-02	0.1715E+02	0.4637E-02	0.1185E+03
11.	0.1772E-01	0.8399E+02	0.9358E-02	0.6727E+02	0.3798E-02	-0.1446E+03
12.	0.8981E-02	-0.1765E+03	0.3026E-02	0.1783E+03	0.3778E-02	-0.6351E+02
13.	0.3121E-02	0.1308E+03	0.3509E-02	0.1042E+03	0.4036E-02	0.7561E+02
14.	0.2812E-02	0.1669E+03	0.1253E-02	0.6286E+02	0.5792E-02	0.1335E+03
15.	0.2851E-02	0.1286E+03	0.6338E-02	0.1322E+03	0.4051E-02	0.1310E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1257E+02	0.0000E+00	0.1280E+02	0.0000E+00	0.1290E+02	0.0000E+00
1.	0.1898E+00	-0.9083E+02	0.1317E+00	-0.8563E+02	0.9520E-01	-0.9047E+02
2.	0.5081E-01	-0.1196E+03	0.4777E-01	-0.1211E+03	0.5778E-01	-0.1263E+03
3.	0.4060E-01	-0.1868E+02	0.3747E-01	-0.8206E+01	0.3490E-01	-0.5267E+01
4.	0.5157E-01	0.1277E+02	0.3976E-01	0.9083E+01	0.3145E-01	0.3814E+01
5.	0.4097E-01	0.1104E+03	0.3064E-01	0.1060E+03	0.2360E-01	0.9527E+02
6.	0.2702E-01	0.1656E+03	0.2086E-01	0.1576E+03	0.1718E-01	0.1502E+03
7.	0.1892E-02	-0.8342E+02	0.1968E-02	0.1661E+02	0.2792E-02	0.6893E+02
8.	0.4404E-02	0.9098E+02	0.4342E-02	0.9114E+02	0.6625E-02	0.1101E+03
9.	0.6148E-02	0.6428E+02	0.6078E-02	0.6691E+02	0.5849E-02	0.4228E+02
10.	0.5710E-02	0.9495E+02	0.4693E-02	0.5363E+02	0.3480E-02	0.1208E+03
11.	0.9219E-03	0.8648E+02	0.3055E-02	-0.1534E+03	0.2532E-02	0.1522E+02
12.	0.1808E-02	-0.1912E+02	0.3138E-02	-0.4958E+02	0.5790E-02	-0.9235E+02
13.	0.5216E-02	0.7529E+02	0.3498E-02	0.9850E+02	0.3261E-02	0.9310E+02
14.	0.3015E-02	0.1735E+03	0.1622E-02	0.1283E+03	0.1279E-02	0.6545E+02
15.	0.4988E-02	0.1396E+03	0.1951E-02	0.1501E+03	0.2255E-02	-0.1726E+03

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1280E+02	0.0000E+00	0.1359E+02	0.0000E+00
1.	0.6578E-01	-0.6845E+02	0.1776E+00	0.9086E+02
2.	0.5397E-01	-0.1399E+03	0.6126E-01	-0.1616E+03
3.	0.2543E-01	-0.1575E+02	0.2015E-01	-0.1757E+02
4.	0.2208E-01	-0.2838E+01	0.1190E-01	-0.3770E+02
5.	0.1439E-01	0.9508E+02	0.4066E-02	0.8492E+02
6.	0.8892E-02	0.1320E+03	0.8207E-02	0.8497E+02
7.	0.2904E-02	0.9775E+02	0.6290E-02	0.1580E+02
8.	0.1833E-02	0.1322E+03	0.2733E-02	0.1306E+03
9.	0.4032E-02	0.4062E+02	0.6626E-02	-0.3058E+02
10.	0.5338E-02	0.1081E+03	0.5629E-02	-0.9846E+01
11.	0.1572E-02	0.1623E+03	0.3685E-02	0.1276E+02
12.	0.1490E-02	-0.3177E+02	0.1523E-02	-0.6956E+02
13.	0.3345E-02	0.9095E+02	0.2800E-02	0.1169E+03
14.	0.1745E-02	0.7128E+02	0.1297E-02	-0.6704E+02
15.	0.3064E-02	0.1170E+03	0.4012E-02	0.7562E+02

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9893E+01	0.0000E+00	0.8786E+01	0.0000E+00	0.9171E+01	0.0000E+00
1.	0.4541E+01	0.1149E+03	0.1654E+01	0.1364E+03	0.1343E+01	-0.1136E+03
2.	0.7317E+00	0.8896E+02	0.3453E+00	0.1528E+03	0.2688E+00	-0.1959E+02
3.	0.6158E+00	0.7712E+02	0.3966E+00	0.1130E+03	0.9913E-01	0.1024E+03
4.	0.2093E+00	0.5467E+02	0.1820E+00	0.8443E+02	0.1659E+00	0.4300E+01
5.	0.1211E+00	0.1376E+03	0.1287E+00	0.1216E+03	0.1497E+00	0.8581E+02
6.	0.7222E-01	0.1260E+03	0.5188E-01	0.9188E+02	0.4982E-01	0.1387E+03
7.	0.6793E-01	0.1170E+03	0.4797E-01	0.9868E+02	0.4279E-01	0.7318E+02
8.	0.5385E-01	0.1165E+03	0.2815E-01	0.1183E+03	0.6185E-01	0.1299E+03
9.	0.5125E-01	0.1384E+03	0.2879E-01	0.1487E+03	0.2923E-01	0.1604E+03
10.	0.2401E-01	0.1384E+03	0.6405E-02	0.1393E+03	0.1703E-01	0.1009E+03
11.	0.2324E-01	0.1115E+03	0.7469E-02	0.8917E+02	0.2087E-01	0.1786E+03
12.	0.2719E-01	0.7579E+02	0.9177E-02	0.6236E+02	0.1964E-01	-0.7197E+02
13.	0.2736E-01	0.7482E+02	0.8229E-02	0.1022E+03	0.4094E-02	0.1036E+03
14.	0.2054E-01	0.7520E+02	0.7173E-02	0.1200E+03	0.1480E-01	-0.1443E+03
15.	0.1228E-01	0.5192E+02	0.5430E-02	0.1521E+03	0.6295E-02	-0.3463E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1018E+02	0.0000E+00	0.1079E+02	0.0000E+00	0.1061E+02	0.0000E+00
1.	0.1902E+01	-0.9981E+02	0.2015E+01	-0.9464E+02	0.2104E+01	-0.9253E+02
2.	0.8084E+00	-0.1555E+02	0.9257E+00	-0.8351E+01	0.1054E+01	-0.7353E+01
3.	0.3678E+00	0.6778E+02	0.5044E+00	0.7866E+02	0.6599E+00	0.8261E+02
4.	0.1124E+00	0.5948E+02	0.1429E+00	0.1271E+03	0.2956E+00	0.1629E+03
5.	0.1920E+00	0.9283E+02	0.1405E+00	0.1157E+03	0.5611E-01	-0.1185E+03
6.	0.1551E+00	0.1599E+03	0.1765E+00	-0.1780E+03	0.7788E-01	0.1747E+03
7.	0.4483E-01	-0.1140E+03	0.1505E+00	-0.8570E+02	0.1561E+00	-0.8703E+02
8.	0.3340E-01	0.1549E+03	0.7875E-01	0.1168E+02	0.1796E+00	0.6669E+01
9.	0.5299E-01	-0.1211E+03	0.2563E-01	0.1446E+03	0.1811E+00	0.1012E+03
10.	0.5958E-01	-0.1125E+02	0.6920E-01	0.2257E+01	0.8702E-01	-0.1619E+03
11.	0.2290E-01	0.7597E+02	0.1093E+00	0.8742E+02	0.4215E-01	0.1491E+02
12.	0.3559E-01	-0.4039E+02	0.8000E-01	-0.1728E+03	0.8334E-01	0.1628E+03
13.	0.5110E-01	0.6505E+02	0.3913E-01	-0.6892E+02	0.1244E+00	-0.9500E+02
14.	0.4246E-01	0.1605E+03	0.3802E-01	0.1448E+03	0.1180E+00	0.1010E+02
15.	0.1235E-01	-0.1651E+02	0.6558E-01	-0.1080E+03	0.9662E-01	0.1200E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1173E+02	0.0000E+00	0.1184E+02	0.0000E+00	0.1291E+02	0.0000E+00
1.	0.6689E+00	-0.9254E+02	0.3216E+00	-0.9120E+02	0.1412E+00	-0.8351E+02
2.	0.2026E+00	-0.3285E+02	0.8501E-01	-0.9748E+02	0.9884E-01	-0.1422E+03
3.	0.1464E+00	0.5557E+02	0.5283E-01	-0.1532E+02	0.7926E-01	-0.7028E+02
4.	0.1108E+00	0.1295E+03	0.6611E-01	0.5370E+02	0.8505E-01	0.1413E+02
5.	0.9778E-01	-0.1216E+03	0.2915E-01	0.1583E+03	0.5411E-01	0.9446E+02
6.	0.1179E+00	-0.1551E+02	0.3674E-01	-0.2660E+02	0.1518E-01	0.1755E+03
7.	0.1166E+00	0.7101E+02	0.5496E-01	0.6003E+02	0.1695E-01	0.3297E+02
8.	0.9023E-01	0.1657E+03	0.5530E-01	0.1590E+03	0.1326E-01	0.1385E+03
9.	0.3393E-01	-0.1107E+03	0.2396E-01	-0.1253E+03	0.5443E-02	0.1338E+03
10.	0.2270E-01	0.3092E+02	0.2695E-01	0.1329E+02	0.1149E-01	0.4882E+02
11.	0.4814E-02	-0.1087E+03	0.1892E-01	0.7009E+02	0.9439E-02	0.1085E+03
12.	0.2755E-01	-0.1190E+02	0.1401E-02	-0.5927E+02	0.1558E-02	-0.1576E+03
13.	0.2610E-01	0.9685E+02	0.8132E-02	-0.1741E+03	0.3332E-02	-0.1463E+03
14.	0.2903E-01	-0.1785E+03	0.1044E-01	-0.1585E+03	0.5874E-03	-0.8800E+02
15.	0.1361E-01	-0.1065E+03	0.1145E-02	-0.1762E+03	0.3354E-02	0.1003E+03

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1293E+02	0.0000E+00	0.1358E+02	0.0000E+00	0.1268E+02	0.0000E+00
1.	0.7562E-01	-0.6290E+02	0.4413E-01	-0.3025E+02	0.5198E-01	-0.3149E+02
2.	0.9388E-01	-0.1455E+03	0.8077E-01	-0.1504E+03	0.6772E-01	-0.1515E+03
3.	0.7129E-01	-0.7687E+02	0.4931E-01	-0.7112E+02	0.3337E-01	-0.6328E+02
4.	0.7344E-01	0.6810E+01	0.5728E-01	0.3748E+01	0.4571E-01	-0.2449E+01
5.	0.5177E-01	0.8433E+02	0.4142E-01	0.8509E+02	0.3455E-01	0.7814E+02
6.	0.1862E-01	0.1634E+03	0.1487E-01	0.1540E+03	0.1248E-01	0.1367E+03
7.	0.1237E-01	0.9413E+01	0.5983E-02	-0.5530E+01	0.4108E-02	-0.3338E+01
8.	0.5544E-02	0.1122E+03	0.3205E-02	0.1090E+03	0.2448E-02	0.1404E+03
9.	0.1049E-01	0.1014E+03	0.8335E-02	0.8906E+02	0.6236E-02	0.6680E+02
10.	0.1126E-01	0.8938E+02	0.8250E-02	0.9261E+02	0.8783E-02	0.8072E+02
11.	0.7374E-02	0.1190E+03	0.3929E-02	0.1430E+03	0.4166E-02	0.9120E+02
12.	0.3696E-02	-0.6997E+02	0.4110E-02	-0.4871E+02	0.2838E-02	-0.4141E+02
13.	0.2031E-02	-0.1457E+03	0.1657E-02	0.1695E+03	0.1269E-02	-0.1219E+03
14.	0.2584E-02	-0.1615E+03	0.1443E-02	0.1569E+03	0.1060E-02	0.7318E+02
15.	0.4091E-02	0.1245E+03	0.3678E-02	0.1396E+03	0.4057E-02	0.1068E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1339E+02	0.0000E+00
1.	0.9418E-01	0.5782E+02
2.	0.6032E-01	-0.1558E+03
3.	0.2087E-01	-0.6273E+02
4.	0.2718E-01	-0.9529E+01
5.	0.2075E-01	0.6487E+02
6.	0.7385E-02	0.1067E+03
7.	0.3497E-02	0.5818E+01
8.	0.2161E-02	0.1482E+03
9.	0.5468E-02	0.6985E+02
10.	0.6605E-02	0.7356E+02
11.	0.3229E-02	0.8785E+02
12.	0.3212E-02	-0.5811E+02
13.	0.1296E-02	0.1739E+03
14.	0.2174E-02	0.1682E+03
15.	0.2853E-02	0.9138E+02



Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1078E+02	0.0000E+00	0.7999E+01	0.0000E+00	0.9438E+01	0.0000E+00
1.	0.5059E+01	0.1134E+03	0.2308E+01	0.1610E+03	0.1139E+01	-0.1291E+03
2.	0.6191E+00	0.7406E+02	0.3544E+00	0.1538E+03	0.1686E+00	-0.6129E+02
3.	0.4442E+00	0.8139E+02	0.6853E+00	0.1088E+03	0.4432E-01	0.1029E+03
4.	0.1842E+00	0.7771E+02	0.3798E+00	0.9453E+02	0.1115E+00	-0.6181E+01
5.	0.1237E+00	0.1463E+03	0.1766E+00	0.9485E+02	0.5046E-01	0.6346E+02
6.	0.7526E-01	0.1406E+03	0.9945E-01	0.3244E+02	0.3539E-01	0.5402E+02
7.	0.6571E-01	0.1234E+03	0.3759E-01	0.3802E+02	0.4888E-01	0.7675E+02
8.	0.4831E-01	0.1310E+03	0.4482E-01	-0.1157E+03	0.4235E-01	0.1072E+03
9.	0.5123E-01	0.1512E+03	0.7154E-01	-0.1453E+03	0.3963E-01	0.1356E+03
10.	0.1754E-01	0.1237E+03	0.4619E-01	-0.1793E+03	0.1333E-01	0.1233E+03
11.	0.6903E-02	0.7899E+02	0.5184E-01	0.1273E+03	0.1958E-01	0.9532E+02
12.	0.6703E-02	0.6898E+02	0.4414E-01	0.9017E+02	0.1506E-01	0.1658E+03
13.	0.1489E-01	0.1271E+03	0.3757E-01	0.6797E+02	0.1193E-01	-0.1232E+03
14.	0.2067E-01	0.1292E+03	0.2496E-01	0.4760E+02	0.1042E-01	-0.1798E+03
15.	0.1251E-01	0.1251E+03	0.1789E-01	0.4130E+01	0.1818E-01	-0.1459E+03

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.15		FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1002E+02	0.0000E+00	0.1028E+02	0.0000E+00	0.1196E+02	0.0000E+00
1.	0.2142E+01	-0.9958E+02	0.2451E+01	-0.9230E+02	0.6736E+00	-0.8632E+02
2.	0.6732E+00	-0.1789E+02	0.1330E+01	-0.8911E+01	0.1699E+00	-0.2704E+02
3.	0.1686E+00	0.6742E+02	0.8605E+00	0.7719E+02	0.1526E+00	0.5930E+02
4.	0.1689E+00	0.4763E+01	0.3883E+00	0.1541E+03	0.1334E+00	0.1333E+03
5.	0.1887E+00	0.8175E+02	0.9738E-01	-0.1691E+03	0.1479E+00	-0.1336E+03
6.	0.8719E-01	0.1548E+03	0.1831E+00	-0.1787E+03	0.1501E+00	-0.3537E+02
7.	0.1986E-01	0.5365E+02	0.2747E+00	-0.9754E+02	0.1362E+00	0.4783E+02
8.	0.6183E-01	0.1504E+03	0.2569E+00	-0.1516E+02	0.9221E-01	0.1381E+03
9.	0.3884E-01	-0.1171E+03	0.1684E+00	0.6882E+02	0.3958E-01	-0.1573E+03
10.	0.3354E-01	0.4136E+02	0.4260E-01	0.9601E+02	0.7518E-02	0.1535E+03
11.	0.1719E-01	0.1376E+03	0.1182E+00	0.8110E+02	0.2400E-01	-0.1051E+03
12.	0.1539E-01	-0.1441E+02	0.1626E+00	0.1653E+03	0.4812E-01	-0.3556E+02
13.	0.2439E-01	0.1346E+03	0.1613E+00	-0.1097E+03	0.3858E-01	0.4284E+02
14.	0.3166E-01	-0.1423E+03	0.8267E-01	0.2668E+02	0.3022E-01	0.1281E+03
15.	0.6960E-02	-0.1091E+03	0.8197E-02	-0.9309E+02	0.2831E-01	0.1793E+03

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.40		FRACTN OF CHORD 0.50		FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1237E+02	0.0000E+00	0.1270E+02	0.0000E+00	0.1277E+02	0.0000E+00
1.	0.3372E+00	-0.7260E+02	0.1731E+00	-0.2792E+02	0.1567E+00	-0.2096E+02
2.	0.4465E-01	-0.1175E+03	0.1164E+00	0.1791E+03	0.7510E-01	0.1794E+03
3.	0.3679E-01	0.1810E+02	0.8241E-01	-0.1067E+03	0.5686E-01	-0.1123E+03
4.	0.4803E-01	0.8621E+02	0.8902E-01	-0.1960E+02	0.6843E-01	-0.2182E+02
5.	0.6049E-01	-0.1458E+03	0.5942E-01	0.6242E+02	0.4528E-01	0.5992E+02
6.	0.8856E-01	-0.3441E+02	0.2941E-01	0.1243E+03	0.2423E-01	0.1226E+03
7.	0.1019E+00	0.4531E+02	0.8267E-02	-0.1426E+03	0.5603E-02	-0.1487E+03
8.	0.9041E-01	0.1374E+03	0.8915E-02	-0.1291E+03	0.8282E-02	-0.1112E+03
9.	0.6268E-01	-0.1521E+03	0.7864E-02	0.1947E+02	0.8955E-02	0.2955E+02
10.	0.4299E-01	-0.5631E+02	0.1166E-01	0.4591E+02	0.1146E-01	0.6139E+02
11.	0.4150E-01	0.6467E+01	0.5758E-02	0.7032E+02	0.3879E-02	0.9929E+02
12.	0.2396E-01	0.5599E+02	0.4678E-03	-0.1450E+03	0.2536E-02	-0.1122E+03
13.	0.1882E-01	0.1521E+03	0.4796E-02	-0.1743E+03	0.2845E-02	-0.1689E+03
14.	0.1996E-01	-0.1608E+03	0.3953E-02	-0.1230E+03	0.2655E-02	-0.9579E+02
15.	0.1140E-01	-0.1428E+03	0.1236E-02	0.8650E+01	0.3507E-02	0.6410E+02

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1298E+02	0.0000E+00	0.1358E+02	0.0000E+00
1.	0.1613E+00	0.8432E+01	0.2158E+00	0.6864E+02
2.	0.3191E-01	0.1782E+03	0.3844E-01	-0.1737E+03
3.	0.1431E-01	-0.1042E+03	0.1043E-01	-0.1329E+03
4.	0.3007E-01	-0.1803E+02	0.1315E-01	-0.4268E+02
5.	0.2029E-01	0.6825E+02	0.5013E-02	0.5188E+02
6.	0.9986E-02	0.9770E+02	0.4944E-02	0.5055E+02
7.	0.3194E-02	-0.2510E+02	0.5379E-02	-0.2344E+02
8.	0.5151E-02	-0.1414E+03	0.4894E-02	-0.1672E+03
9.	0.4999E-02	0.4357E+02	0.2256E-02	0.2752E+02
10.	0.9374E-02	0.7805E+02	0.5474E-02	0.6982E+02
11.	0.3157E-02	0.9706E+02	0.3091E-02	0.2325E+02
12.	0.4155E-02	-0.3926E+02	0.3461E-02	-0.6478E+02
13.	0.2407E-02	-0.1041E+03	0.2973E-02	-0.1278E+03
14.	0.1658E-02	-0.1132E+03	0.2281E-02	-0.1289E+03
15.	0.2423E-02	0.1161E+03	0.2080E-02	0.1405E+03

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1073E+02	0.0000E+00	0.8865E+01	0.0000E+00	0.8943E+01	0.0000E+00
1.	0.4091E+01	0.1161E+03	0.1812E+01	0.1461E+03	0.1424E+01	-0.1220E+03
2.	0.4691E+00	0.1051E+03	0.3640E+00	0.1559E+03	0.1427E+00	-0.8521E+02
3.	0.5013E+00	0.8601E+02	0.4012E+00	0.1087E+03	0.8974E-01	-0.1693E+03
4.	0.2516E+00	0.7209E+02	0.2453E+00	0.9821E+02	0.1137E+00	-0.1290E+02
5.	0.1101E+00	0.1141E+03	0.2165E+00	0.1235E+03	0.5930E-01	0.9553E+02
6.	0.4430E-01	0.1284E+03	0.1200E+00	0.1191E+03	0.1813E-01	-0.7893E+02
7.	0.5294E-01	0.1275E+03	0.1191E+00	0.1047E+03	0.2505E-01	0.6266E+02
8.	0.5084E-01	0.1249E+03	0.1118E+00	0.9399E+02	0.3406E-01	0.1315E+03
9.	0.5392E-01	0.1330E+03	0.9730E-01	0.8372E+02	0.1524E-01	0.9763E+02
10.	0.1916E-01	0.1189E+03	0.7355E-01	0.5530E+02	0.2164E-01	0.2370E+02
11.	0.1751E-02	0.1423E+03	0.4755E-01	0.2969E+02	0.1473E-01	-0.1247E+02
12.	0.4751E-02	0.8725E+02	0.4106E-01	0.1190E+02	0.7747E-02	-0.2888E+02
13.	0.2081E-01	0.1082E+03	0.3205E-01	0.2435E+02	0.8110E-02	0.8839E+02
14.	0.2346E-01	0.1034E+03	0.2301E-01	0.2652E+02	0.1737E-01	0.7848E+02
15.	0.1555E-01	0.9377E+02	0.1427E-01	0.3899E+01	0.1227E-01	0.7153E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1014E+02	0.0000E+00	0.1068E+02	0.0000E+00	0.1226E+02	0.0000E+00
1.	0.2109E+01	-0.1049E+03	0.2141E+01	-0.9116E+02	0.5186E+00	-0.7881E+02
2.	0.9199E+00	-0.3027E+02	0.1123E+01	-0.1091E+02	0.7204E-01	-0.4540E+02
3.	0.3802E+00	0.4787E+02	0.7585E+00	0.7427E+02	0.6353E-01	0.6962E+02
4.	0.1349E+00	0.2906E+02	0.4266E+00	0.1417E+03	0.7780E-01	0.1028E+03
5.	0.2183E+00	0.4963E+02	0.2349E+00	-0.1610E+03	0.7699E-01	-0.1507E+03
6.	0.1812E+00	0.1080E+03	0.1921E+00	-0.1143E+03	0.1038E+00	-0.5806E+02
7.	0.8730E-01	0.1804E+03	0.2053E+00	-0.6079E+02	0.8716E-01	0.1986E+02
8.	0.7370E-01	0.1361E+03	0.1671E+00	0.7952E+01	0.7690E-01	0.1050E+03
9.	0.9727E-01	0.1898E+03	0.1334E+00	0.6808E+02	0.5812E-01	0.1428E+03
10.	0.6193E-01	-0.1082E+03	0.9272E-01	0.8423E+02	0.2337E-01	-0.1556E+03
11.	0.3389E-01	-0.7255E+02	0.1117E+00	0.1276E+03	0.3902E-01	-0.7512E+02
12.	0.5877E-01	-0.9905E+02	0.1483E+00	-0.1583E+03	0.3506E-01	-0.3487E+02
13.	0.5753E-01	-0.3770E+02	0.1297E+00	-0.8496E+02	0.1879E-01	0.6284E+02
14.	0.4231E-01	0.4402E+02	0.7557E-01	-0.4255E+00	0.2616E-01	0.1181E+03
15.	0.1605E-01	0.1278E+02	0.2984E-01	0.4708E+02	0.1788E-01	0.1580E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1252E+02	0.0000E+00	0.1291E+02	0.0000E+00	0.1277E+02	0.0000E+00
1.	0.1853E+00	0.4024E+00	0.1977E+00	0.5394E+01	0.2199E+00	0.1150E+02
2.	0.7827E-01	0.1768E+03	0.5889E-01	-0.1754E+03	0.5095E-01	-0.1722E+03
3.	0.4734E-01	-0.1373E+03	0.3445E-01	-0.1300E+03	0.2836E-01	-0.1296E+03
4.	0.5485E-01	-0.1737E+02	0.4427E-01	-0.1425E+02	0.3554E-01	-0.1643E+02
5.	0.3894E-01	0.5516E+02	0.3178E-01	0.5730E+02	0.2814E-01	0.5518E+02
6.	0.1438E-01	0.9784E+02	0.7366E-02	0.9183E+02	0.8114E-02	0.7185E+02
7.	0.1013E-01	0.1509E+03	0.3340E-02	0.1739E+03	0.7429E-03	-0.1026E+03
8.	0.1074E-01	-0.1758E+03	0.9170E-02	-0.1644E+03	0.7234E-02	-0.1701E+03
9.	0.8320E-02	0.8290E+02	0.5835E-02	0.8264E+02	0.7248E-02	0.7737E+02
10.	0.1286E-01	0.4619E+02	0.1040E-01	0.5300E+02	0.9311E-02	0.5363E+02
11.	0.4140E-02	0.3203E+02	0.2709E-02	0.1763E+02	0.3385E-02	0.3764E+02
12.	0.3847E-03	0.2474E+00	0.2940E-02	-0.7332E+02	0.3096E-02	-0.7689E+02
13.	0.3124E-02	-0.1586E+03	0.5327E-02	-0.1663E+03	0.4800E-02	-0.1713E+03
14.	0.3033E-02	0.1225E+02	0.1946E-02	0.1459E+03	0.1872E-02	0.1535E+03
15.	0.7269E-02	0.3978E+02	0.3779E-02	0.9075E+02	0.4536E-02	0.7443E+02

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1285E+02	0.0000E+00	0.1312E+02	0.0000E+00
1.	0.2109E+00	0.2940E+02	0.3047E+00	0.6713E+02
2.	0.2928E-01	-0.1786E+03	0.3703E-01	0.1549E+03
3.	0.1780E-01	-0.1094E+03	0.1995E-01	-0.9019E+02
4.	0.2284E-01	-0.2563E+02	0.6758E-02	-0.5905E+02
5.	0.1912E-01	0.5932E+02	0.8056E-02	0.4530E+02
6.	0.5572E-02	0.7293E+02	0.3981E-02	0.2861E+02
7.	0.1663E-02	-0.7460E+02	0.3227E-02	-0.2900E+02
8.	0.5935E-02	-0.1640E+03	0.7024E-02	-0.1613E+03
9.	0.5719E-02	0.7611E+02	0.3721E-02	0.8892E+02
10.	0.7383E-02	0.6117E+02	0.7489E-02	0.5245E+02
11.	0.1970E-02	0.3837E+01	0.4033E-02	0.2378E+00
12.	0.3304E-02	-0.7676E+02	0.3642E-02	-0.8298E+02
13.	0.3597E-02	0.1747E+03	0.4267E-02	-0.1721E+03
14.	0.1827E-02	0.1671E+03	0.2096E-02	0.1513E+03
15.	0.2202E-02	0.8353E+02	0.8047E-03	0.9606E+02

Table IV-4a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1195E+02	0.0000E+00	0.9891E+01	0.0000E+00	0.9644E+01	0.0000E+00
1.	0.3442E+01	0.1206E+03	0.1614E+01	0.1581E+03	0.2001E+01	-0.1200E+03
2.	0.3818E+00	0.1163E+03	0.2901E+00	0.1686E+03	0.6414E+00	-0.5500E+02
3.	0.4008E+00	0.8579E+02	0.2598E+00	0.1202E+03	0.1372E+00	-0.1000E+02
4.	0.1811E+00	0.7706E+02	0.1229E+00	0.1027E+03	0.1974E+00	-0.8225E+01
5.	0.7857E-01	0.1295E+03	0.1143E+00	0.1288E+03	0.1035E+00	0.4353E+02
6.	0.4821E-01	0.1569E+03	0.5105E-01	0.1320E+03	0.6655E-01	0.2186E+02
7.	0.5377E-01	0.1390E+03	0.4179E-01	0.1209E+03	0.1133E+00	0.4916E+02
8.	0.4972E-01	0.1298E+03	0.4181E-01	0.1350E+03	0.8364E-01	0.9565E+02
9.	0.4512E-01	0.1347E+03	0.4047E-01	0.1455E+03	0.4418E-01	0.9020E+02
10.	0.1853E-01	0.1242E+03	0.2389E-01	0.1224E+03	0.6697E-01	0.9465E+02
11.	0.7964E-02	0.1570E+03	0.1159E-01	0.9856E+02	0.5151E-01	0.1472E+03
12.	0.7334E-02	0.8041E+02	0.2065E-01	0.5440E+02	0.1637E-01	0.1542E+03
13.	0.1215E-01	0.9096E+02	0.2166E-01	0.6196E+02	0.3734E-01	0.1440E+03
14.	0.1505E-01	0.1243E+03	0.1620E-01	0.6552E+02	0.4738E-01	-0.1689E+03
15.	0.1244E-01	0.1413E+03	0.1075E-01	0.9294E+02	0.3193E-01	-0.1420E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1023E+02	0.0000E+00	0.1122E+02	0.0000E+00	0.1126E+02	0.0000E+00
1.	0.1984E+01	-0.1076E+03	0.1358E+01	-0.9566E+02	0.1313E+01	-0.8818E+02
2.	0.1139E+01	-0.3705E+02	0.6215E+00	-0.1676E+02	0.6523E+00	-0.1801E+01
3.	0.7064E+00	0.3380E+02	0.3868E+00	0.7040E+02	0.5019E+00	0.9265E+02
4.	0.4234E+00	0.8083E+02	0.1818E+00	0.1286E+03	0.3044E+00	0.1787E+03
5.	0.2969E+00	0.1261E+03	0.1424E+00	0.1759E+03	0.2046E+00	-0.1023E+03
6.	0.2312E+00	0.1667E+03	0.1114E+00	-0.1358E+03	0.1258E+00	-0.2196E+02
7.	0.1704E+00	-0.1451E+03	0.1111E+00	-0.7007E+02	0.7842E-01	0.2974E+02
8.	0.1206E+00	-0.9595E+02	0.1054E+00	-0.1129E+02	0.6542E-01	0.5350E+02
9.	0.7605E-01	-0.6798E+02	0.8151E-01	0.4594E+02	0.8270E-01	0.1086E+03
10.	0.8470E-01	-0.5141E+02	0.5502E-01	0.8383E+02	0.7829E-01	-0.1755E+03
11.	0.1129E+00	-0.1142E+02	0.5215E-01	0.1189E+03	0.7150E-01	-0.9169E+02
12.	0.1242E+00	0.3770E+02	0.5339E-01	-0.1793E+03	0.6335E-01	-0.6826E+01
13.	0.1151E+00	0.9687E+02	0.5046E-01	-0.1116E+03	0.4266E-01	0.7670E+02
14.	0.8971E-01	0.1530E+03	0.3081E-01	-0.3734E+02	0.2747E-01	0.1615E+03
15.	0.5585E-01	-0.1660E+03	0.1396E-01	0.4640E+02	0.7524E-02	-0.1251E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1215E+02	0.0000E+00	0.1220E+02	0.0000E+00	0.1266E+02	0.0000E+00
1.	0.4044E+00	-0.4776E+02	0.3131E+00	-0.1702E+02	0.3500E+00	0.2327E+02
2.	0.4256E-01	0.9929E+01	0.1862E-01	-0.5674E+02	0.6165E-01	-0.5006E+02
3.	0.9063E-01	0.1443E+03	0.8513E-01	0.1503E+03	0.9663E-01	0.1768E+03
4.	0.2314E-01	-0.1706E+02	0.4084E-01	0.1456E+02	0.5365E-01	0.4519E+02
5.	0.1233E-01	-0.2268E+02	0.3591E-02	-0.2049E+01	0.3166E-01	-0.3985E+02
6.	0.1765E-01	0.5010E+02	0.7711E-02	0.8335E+02	0.2720E-01	-0.1739E+03
7.	0.1533E-01	0.7550E+02	0.9485E-02	0.8050E+02	0.2369E-01	0.8741E+02
8.	0.9106E-02	0.1515E+03	0.1093E-01	0.1591E+03	0.1002E-01	-0.4324E+02
9.	0.1049E-01	0.1329E+03	0.9239E-02	0.1518E+03	0.1057E-01	-0.1634E+03
10.	0.3356E-02	0.1217E+03	0.3798E-02	0.8930E+02	0.9304E-02	0.1066E+03
11.	0.5091E-02	-0.4164E+02	0.7061E-02	-0.9154E+01	0.5423E-02	0.6193E+01
12.	0.6990E-02	0.7718E+01	0.6164E-02	-0.3206E+01	0.4706E-02	-0.1215E+02
13.	0.2354E-02	-0.1706E+03	0.4847E-02	-0.1503E+03	0.2794E-02	-0.1755E+03
14.	0.9869E-03	0.1115E+03	0.1625E-02	-0.1679E+03	0.2400E-02	-0.1687E+03
15.	0.8196E-02	0.1581E+03	0.8083E-02	0.1519E+03	0.2638E-02	0.9390E+02

Table IV-4a. Concluded

HARMONIC	FRACTN RADIUS 0.99		FRACTN RADIUS 0.99		FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.60		FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00	0.1241E+02	0.0000E+00	0.1249E+02	0.0000E+00
1.	0.6155E+00	0.4015E+02	0.1192E+01	0.4507E+02	0.1129E+01	0.3940E+02
2.	0.2724E+00	-0.5782E+02	0.6747E+00	-0.7884E+02	0.2554E+00	-0.1228E+03
3.	0.2370E+00	0.1760E+03	0.4449E+00	0.1440E+03	0.1490E+00	-0.3247E+02
4.	0.1531E+00	0.3888E+02	0.2632E+00	-0.5147E+01	0.1959E+00	0.1690E+03
5.	0.8512E-01	-0.7244E+02	0.9278E-01	-0.1557E+03	0.8880E-01	0.3719E+02
6.	0.5241E-01	0.1604E+03	0.3267E-01	0.7129E+02	0.2155E-01	-0.1974E+02
7.	0.3348E-01	0.5018E+02	0.1824E-01	0.7450E+02	0.2411E-01	-0.8044E+02
8.	0.2251E-01	-0.5704E+02	0.3358E-01	-0.5296E+02	0.2615E-01	0.1776E+03
9.	0.1498E-01	-0.1642E+03	0.2374E-01	0.1548E+03	0.3521E-01	0.4609E+02
10.	0.1013E-01	0.7936E+02	0.1354E-01	0.4627E+02	0.3634E-01	-0.1011E+03
11.	0.7673E-02	0.6979E+01	0.3685E-02	-0.4579E+02	0.2040E-01	0.1026E+03
12.	0.5013E-02	-0.2532E+02	0.3193E-02	-0.1442E+03	0.7830E-02	-0.4208E+01
13.	0.4185E-02	-0.1617E+03	0.1164E-01	0.1009E+03	0.7435E-02	0.1050E+03
14.	0.1959E-02	0.1210E+03	0.7914E-02	-0.3778E+02	0.1316E-01	-0.6899E+02
15.	0.4413E-03	-0.2692E+02	0.4400E-02	-0.1287E+03	0.1344E-01	0.1708E+03

Table IV-4b. Harmonic pressure data for 146 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1399E+02	0.0000E+00	0.1351E+02	0.0000E+00	0.1326E+02	0.0000E+00
1.	0.1005E+01	0.9801E+02	0.3804E+00	0.1279E+03	0.1557E+00	-0.1727E+03
2.	0.2565E+00	-0.1254E+03	0.1821E+00	-0.6774E+02	0.1506E+00	-0.3979E+02
3.	0.5739E-01	0.8325E+02	0.3951E-01	0.8509E+02	0.2206E-01	0.1018E+03
4.	0.7963E-02	0.1202E+03	0.3168E-01	0.1233E+03	0.2746E-01	0.1282E+03
5.	0.2259E-01	0.1663E+03	0.3073E-01	-0.1725E+03	0.2335E-01	-0.1618E+03
6.	0.1337E-01	0.1231E+03	0.2680E-01	0.1164E+03	0.2182E-01	0.1206E+03
7.	0.2529E-01	0.1473E+03	0.3650E-01	0.1563E+03	0.3008E-01	0.1712E+03
8.	0.1248E-01	0.1102E+03	0.1962E-01	0.1262E+03	0.1239E-01	0.1369E+03
9.	0.2878E-01	0.1268E+03	0.3799E-01	0.1333E+03	0.2619E-01	0.1399E+03
10.	0.2800E-01	0.1383E+03	0.3665E-01	0.1500E+03	0.2520E-01	0.1569E+03
11.	0.2289E-01	0.1442E+03	0.2836E-01	0.1561E+03	0.1794E-01	0.1665E+03
12.	0.2672E-01	0.1454E+03	0.3135E-01	0.1561E+03	0.2060E-01	0.1642E+03
13.	0.2369E-01	0.1528E+03	0.2738E-01	0.1717E+03	0.1614E-01	-0.1778E+03
14.	0.2122E-01	0.1655E+03	0.2266E-01	0.1786E+03	0.1327E-01	-0.1691E+03
15.	0.2486E-01	0.1639E+03	0.2628E-01	0.1771E+03	0.1516E-01	-0.1758E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1301E+02	0.0000E+00	0.1315E+02	0.0000E+00	0.1332E+02	0.0000E+00
1.	0.2390E+00	-0.1142E+03	0.8808E-01	-0.1480E+03	0.6544E-01	0.1455E+03
2.	0.1588E+00	-0.2843E+02	0.1114E+00	-0.3502E+02	0.6388E-01	-0.4223E+02
3.	0.1419E-01	0.1228E+03	0.1451E-01	-0.1643E+03	0.1224E-01	-0.1694E+03
4.	0.1647E-01	0.1232E+03	0.7454E-02	0.1118E+03	0.4529E-02	0.1176E+03
5.	0.1844E-01	-0.1661E+03	0.1354E-01	-0.1676E+03	0.9647E-02	-0.1621E+03
6.	0.1395E-01	0.1235E+03	0.8818E-02	0.1079E+03	0.6700E-02	0.1023E+03
7.	0.2217E-01	0.1726E+03	0.1549E-01	-0.1799E+03	0.9049E-02	0.1785E+03
8.	0.8398E-02	0.1658E+03	0.2919E-02	0.1693E+03	0.1539E-02	0.8917E+02
9.	0.1459E-01	0.1510E+03	0.5322E-02	0.1303E+03	0.5517E-02	0.1195E+03
10.	0.1491E-01	0.1664E+03	0.7093E-02	0.1366E+03	0.7612E-02	0.1236E+03
11.	0.1017E-01	-0.1757E+03	0.3759E-02	0.1468E+03	0.4630E-02	0.1290E+03
12.	0.9917E-02	0.1768E+03	0.4058E-02	0.1380E+03	0.6433E-02	0.1272E+03
13.	0.6814E-02	-0.1549E+03	0.1059E-02	0.1648E+03	0.2471E-02	0.1348E+03
14.	0.5778E-02	-0.1406E+03	0.8027E-03	-0.1289E+03	0.3255E-02	-0.1707E+03
15.	0.5119E-02	-0.1559E+03	0.1204E-02	-0.1768E+03	0.3365E-02	0.1768E+03

Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.80 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1466E+02	0.0000E+00	0.1313E+02	0.0000E+00	0.1318E+02	0.0000E+00
1.	0.1367E+01	0.9433E+02	0.5355E+00	-0.8970E+02	0.5390E+00	-0.9100E+02
2.	0.5413E-01	-0.1155E+03	0.2222E+00	-0.1488E+01	0.1949E+00	-0.2820E+01
3.	0.6368E-01	-0.1024E+03	0.1171E+00	-0.7433E+02	0.7503E-01	-0.7419E+02
4.	0.6870E-01	0.2447E+02	0.4821E-01	0.2654E+02	0.3285E-01	0.2902E+02
5.	0.1601E-01	-0.1487E+03	0.3210E-01	-0.1311E+03	0.2393E-01	-0.1311E+03
6.	0.1203E-01	-0.8316E+02	0.2526E-01	-0.7666E+02	0.1485E-01	-0.8434E+02
7.	0.1189E-01	-0.6967E+02	0.1904E-01	-0.6653E+02	0.1515E-01	-0.7300E+02
8.	0.1092E-01	0.9598E+01	0.7610E-02	-0.7393E+00	0.6552E-02	-0.9219E+00
9.	0.5875E-02	0.1506E+03	0.1043E-01	-0.1535E+03	0.8234E-02	-0.1544E+03
10.	0.5227E-03	-0.1641E+03	0.9374E-02	-0.9023E+02	0.6127E-02	-0.9924E+02
11.	0.2151E-02	0.4860E+02	0.3907E-02	-0.6339E+02	0.3362E-02	-0.6381E+02
12.	0.4681E-02	0.1142E+03	0.3061E-02	0.1604E+03	0.2872E-02	0.1323E+03
13.	0.1890E-02	0.1695E+02	0.3563E-02	-0.9513E+02	0.3970E-02	-0.7018E+02
14.	0.8889E-03	-0.3021E+02	0.4763E-02	-0.7887E+02	0.4635E-02	-0.7078E+02
15.	0.1314E-02	-0.5859E+02	0.2918E-02	-0.9618E+02	0.4180E-02	-0.5707E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1311E+02	0.0000E+00	0.1313E+02	0.0000E+00	0.1326E+02	0.0000E+00
1.	0.5542E+00	-0.9216E+02	0.2409E+00	-0.1019E+03	0.1604E+00	-0.1108E+03
2.	0.1915E+00	-0.2622E+01	0.1099E+00	-0.8250E+01	0.8719E-01	-0.1101E+02
3.	0.5516E-01	-0.8174E+02	0.3156E-01	-0.9177E+02	0.2518E-01	-0.9793E+02
4.	0.2517E-01	0.3566E+02	0.1373E-01	0.4772E+02	0.1133E-01	0.5221E+02
5.	0.1992E-01	-0.1282E+03	0.1392E-01	-0.1081E+03	0.1173E-01	-0.1108E+03
6.	0.1040E-01	-0.7743E+02	0.1898E-02	-0.1208E+03	0.7007E-03	0.9223E+02
7.	0.1160E-01	-0.7277E+02	0.1014E-01	-0.1026E+03	0.9741E-02	-0.1006E+03
8.	0.5313E-02	0.7632E+01	0.6505E-02	-0.6984E+01	0.6706E-02	-0.1519E+02
9.	0.5846E-02	-0.1555E+03	0.4771E-02	-0.1708E+03	0.3199E-02	0.1764E+03
10.	0.4308E-02	-0.9658E+02	0.2574E-02	-0.1211E+03	0.1612E-02	-0.1414E+03
11.	0.3770E-02	-0.6309E+02	0.2799E-02	-0.3382E+02	0.2230E-02	-0.5003E+02
12.	0.1375E-02	0.1266E+03	0.1865E-02	0.1510E+03	0.1880E-02	0.1253E+03
13.	0.3446E-02	-0.6365E+02	0.2223E-02	-0.1915E+02	0.2587E-02	-0.1992E+01
14.	0.3727E-02	-0.6120E+02	0.3221E-02	-0.5659E+02	0.2182E-02	-0.6938E+02
15.	0.2771E-02	-0.6308E+02	0.3696E-03	0.5340E+02	0.8638E-03	0.6963E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1346E+02	0.0000E+00	0.1333E+02	0.0000E+00
1.	0.9416E-01	-0.1291E+03	0.1099E+00	0.1277E+03
2.	0.5359E-01	-0.1969E+02	0.2215E-01	-0.5873E+02
3.	0.1827E-01	-0.9890E+02	0.1018E-01	-0.1072E+03
4.	0.9737E-02	0.5917E+02	0.6693E-02	0.7444E+02
5.	0.7544E-02	-0.1136E+03	0.8119E-02	-0.8070E+02
6.	0.1503E-02	0.1361E+03	0.4073E-02	0.1194E+03
7.	0.6697E-02	-0.1089E+03	0.8751E-02	-0.1214E+03
8.	0.5513E-02	-0.2320E+02	0.5550E-02	-0.1366E+02
9.	0.9267E-03	0.1317E+03	0.1894E-02	0.1524E+03
10.	0.4703E-03	-0.1744E+03	0.1964E-02	0.1415E+03
11.	0.8911E-03	-0.5510E+02	0.1369E-02	-0.3481E+02
12.	0.1841E-02	0.1047E+03	0.2590E-02	0.1342E+03
13.	0.1538E-02	-0.1560E+01	0.1816E-02	0.2699E+02
14.	0.8696E-03	-0.4057E+02	0.1867E-02	-0.1082E+03
15.	0.4881E-03	-0.1531E+03	0.1094E-02	0.1460E+03



Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1395E+02	0.0000E+00	0.1283E+02	0.0000E+00	0.1263E+02	0.0000E+00
1.	0.5422E+00	-0.4822E+02	0.1114E+01	-0.7314E+02	0.1192E+01	-0.7885E+02
2.	0.2599E+00	0.4352E+02	0.3287E+00	0.2481E+02	0.3140E+00	0.1711E+02
3.	0.2549E+00	-0.8033E+02	0.1698E+00	-0.7968E+02	0.1298E+00	-0.8355E+02
4.	0.1132E+00	-0.2445E+01	0.8249E-01	-0.9033E+00	0.6270E-01	-0.7958E+01
5.	0.3728E-01	-0.1305E+02	0.3636E-01	-0.3523E+02	0.2688E-01	-0.1071E+02
6.	0.1415E-01	-0.3063E+02	0.1029E-01	0.9374E+02	0.5178E-02	0.2216E+01
7.	0.2553E-01	-0.4735E+02	0.2968E-01	-0.8006E+02	0.2395E-01	-0.4181E+02
8.	0.2432E-01	-0.1145E+02	0.4761E-01	-0.6392E+01	0.2908E-01	0.3060E+01
9.	0.1162E-01	0.1400E+02	0.1222E-01	0.9220E+02	0.1068E-01	0.6250E+02
10.	0.6707E-02	0.6883E+02	0.1230E-01	0.7393E+02	0.7017E-02	0.8292E+02
11.	0.7555E-02	-0.7264E+02	0.9411E-02	-0.5648E+02	0.5511E-02	-0.7222E+02
12.	0.6032E-02	-0.2822E+02	0.1037E-01	0.1012E+03	0.5262E-02	0.3921E+01
13.	0.7898E-02	0.8719E+01	0.1077E-01	0.4698E+01	0.9792E-02	0.1733E+01
14.	0.2492E-02	0.2925E+02	0.7533E-02	-0.8245E+02	0.1745E-02	0.2314E+02
15.	0.1229E-02	0.1477E+03	0.3767E-02	-0.1782E+03	0.3553E-03	0.1289E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1319E+02	0.0000E+00	0.1318E+02	0.0000E+00	0.1331E+02	0.0000E+00
1.	0.5718E+00	-0.8549E+02	0.4894E+00	-0.8790E+02	0.2953E+00	-0.9494E+02
2.	0.1496E+00	0.8275E+01	0.1222E+00	0.6506E+01	0.8955E-01	0.1032E+01
3.	0.4905E-01	-0.7589E+02	0.4229E-01	-0.7716E+02	0.3697E-01	-0.8439E+02
4.	0.1907E-01	0.8137E+01	0.1585E-01	0.7600E+01	0.1109E-01	0.1764E+02
5.	0.1252E-01	-0.2105E+02	0.1208E-01	-0.3276E+02	0.1217E-01	-0.3895E+02
6.	0.4731E-02	0.2143E+02	0.5090E-02	0.3041E+02	0.3885E-02	0.5154E+02
7.	0.8787E-02	-0.4047E+02	0.7936E-02	-0.5280E+02	0.6560E-02	-0.7003E+02
8.	0.1212E-01	0.1392E+02	0.1159E-01	0.1013E+02	0.0576E-02	0.8688E+01
9.	0.3994E-02	0.7769E+02	0.2328E-02	0.6299E+02	0.2708E-02	0.8736E+02
10.	0.2505E-02	0.9029E+02	0.2894E-02	0.8554E+02	0.2519E-02	0.9206E+02
11.	0.2008E-02	-0.6138E+02	0.1650E-02	-0.7447E+02	0.1201E-02	-0.5640E+02
12.	0.2276E-02	-0.5362E+01	0.1887E-02	0.1038E+02	0.5532E-03	0.1194E+03
13.	0.4811E-02	0.1536E+02	0.5649E-02	0.5723E+01	0.5098E-02	0.1294E+01
14.	0.2628E-02	0.5853E+02	0.2673E-02	0.4237E+02	0.2395E-02	0.2139E+02
15.	0.1143E-02	0.1327E+03	0.1054E-02	0.1105E+03	0.1333E-02	0.1067E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1341E+02	0.0000E+00	0.1334E+02	0.0000E+00
1.	0.1636E+00	-0.1088E+03	0.7264E-01	0.1389E+03
2.	0.5731E-01	-0.5321E+01	0.1263E-01	-0.1071E+03
3.	0.2337E-01	-0.8740E+02	0.1136E-01	-0.9407E+02
4.	0.6040E-02	0.3437E+02	0.4422E-02	0.6298E+02
5.	0.1057E-01	-0.5416E+02	0.5602E-02	-0.7324E+02
6.	0.4570E-02	0.6175E+02	0.3225E-02	0.8378E+02
7.	0.6584E-02	-0.8124E+02	0.4577E-02	-0.1091E+03
8.	0.9163E-02	0.3255E+01	0.4429E-02	-0.9249E+01
9.	0.1331E-02	0.1351E+03	0.2544E-02	0.1246E+03
10.	0.3877E-02	0.7194E+02	0.1902E-02	0.1135E+03
11.	0.1452E-02	-0.8530E+02	0.5702E-03	0.9361E+02
12.	0.7585E-03	0.1329E+03	0.1028E-02	0.1487E+03
13.	0.4041E-02	-0.3609E+01	0.2808E-02	-0.1380E+02
14.	0.1988E-02	0.1528E+02	0.1813E-02	-0.1761E+02
15.	0.1900E-02	0.7718E+02	0.8530E-03	0.7947E+02

Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1540E+02	0.0000E+00	0.1394E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.9058E+00	0.5734E+02	0.1068E+01	-0.5159E+02	0.1970E+01	-0.6933E+02
2.	0.4557E+00	0.8035E+02	0.3132E+00	0.7055E+02	0.4294E+00	0.4319E+02
3.	0.3554E+00	-0.8099E+02	0.3423E+00	-0.8236E+02	0.2424E+00	-0.9593E+02
4.	0.1142E+00	-0.6831E+01	0.1259E+00	-0.1548E+02	0.1356E+00	-0.1986E+02
5.	0.8550E-01	-0.2847E+02	0.7637E-01	-0.1105E+02	0.6725E-01	0.1118E+02
6.	0.2328E-01	0.4833E+02	0.2832E-01	0.2804E+02	0.1659E-01	0.3595E+02
7.	0.4067E-02	-0.4805E+02	0.1994E-01	-0.3432E+02	0.2994E-01	-0.2627E+02
8.	0.4076E-02	-0.3667E+02	0.2532E-01	0.1869E+01	0.3276E-01	0.3249E+01
9.	0.5023E-02	-0.6254E+01	0.1244E-01	0.1235E+02	0.1839E-01	0.1591E+02
10.	0.1210E-01	0.1034E+02	0.1452E-01	0.6085E+02	0.2559E-01	0.6994E+02
11.	0.6925E-02	0.1722E+03	0.1233E-02	0.4039E+02	0.8944E-03	0.6290E+02
12.	0.1013E-01	0.1728E+03	0.1014E-02	0.1980E+02	0.3409E-02	0.6350E+02
13.	0.3985E-02	-0.9804E+02	0.8825E-02	0.1410E+02	0.1907E-01	0.7027E+01
14.	0.3372E-02	-0.1413E+03	0.4226E-02	0.2696E+01	0.7078E-02	0.3160E+02
15.	0.4196E-02	-0.1790E+03	0.5719E-02	0.5779E+02	0.7474E-02	0.7095E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1205E+02	0.0000E+00	0.1259E+02	0.0000E+00	0.1298E+02	0.0000E+00
1.	0.2044E+01	-0.7474E+02	0.1095E+01	-0.8241E+02	0.6540E+00	-0.8585E+02
2.	0.5221E+00	0.2813E+02	0.2290E+00	0.7367E+01	0.1101E+00	0.2839E+01
3.	0.1117E+00	-0.1280E+03	0.4103E-01	-0.5699E+02	0.4641E-01	-0.7079E+02
4.	0.1029E+00	-0.5115E+02	0.1121E-01	0.1807E+02	0.9163E-02	0.1388E+02
5.	0.9566E-01	0.4829E+01	0.2274E-01	-0.3665E+02	0.1595E-01	-0.4133E+02
6.	0.4477E-01	0.9883E+02	0.1595E-01	0.3139E+02	0.1048E-01	0.1794E+02
7.	0.3882E-01	-0.8670E+02	0.8628E-02	-0.3975E+02	0.6956E-02	-0.4872E+02
8.	0.5687E-01	-0.1908E+01	0.1797E-01	-0.9816E+00	0.1010E-01	-0.5391E+01
9.	0.2790E-01	0.6917E+02	0.9032E-02	0.2724E+02	0.5602E-02	-0.1088E+02
10.	0.1777E-01	0.1033E+03	0.1390E-01	0.6609E+02	0.8716E-02	0.4767E+02
11.	0.9538E-02	-0.2928E+02	0.4859E-02	0.1182E+03	0.3087E-02	0.7848E+02
12.	0.8804E-02	0.9236E+02	0.4474E-02	0.1736E+03	0.3391E-02	-0.1787E+03
13.	0.1647E-01	0.4713E+01	0.1152E-01	0.3691E+01	0.5681E-02	-0.2044E+02
14.	0.1258E-01	0.2198E+02	0.6001E-02	0.2050E+02	0.3974E-02	0.9613E+01
15.	0.1280E-01	0.9988E+02	0.4498E-02	0.6572E+02	0.3652E-02	0.5513E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1292E+02	0.0000E+00	0.1313E+02	0.0000E+00	0.1335E+02	0.0000E+00
1.	0.5263E+00	-0.8928E+02	0.4230E+00	-0.9084E+02	0.2358E+00	-0.1045E+03
2.	0.8742E-01	-0.2184E+01	0.6459E-01	-0.4335E+01	0.3550E-01	-0.8045E+01
3.	0.4391E-01	-0.7907E+02	0.3880E-01	-0.7846E+02	0.2468E-01	-0.9871E+02
4.	0.6986E-02	0.7822E+00	0.5668E-02	0.1635E+02	0.3371E-03	0.6108E+02
5.	0.1590E-01	-0.4279E+02	0.1399E-01	-0.4823E+02	0.1244E-01	-0.6901E+02
6.	0.9837E-02	0.1313E+02	0.7520E-02	0.1475E+02	0.4634E-02	0.3111E+01
7.	0.6921E-02	-0.3869E+02	0.6155E-02	-0.5929E+02	0.5359E-02	-0.8292E+02
8.	0.1017E-01	-0.9631E+00	0.8253E-02	-0.3985E+01	0.6613E-02	-0.4463E+01
9.	0.4915E-02	-0.1402E+02	0.4099E-02	-0.2366E+02	0.2205E-02	-0.7178E+02
10.	0.8696E-02	0.4291E+02	0.7571E-02	0.4415E+02	0.4475E-02	0.2351E+02
11.	0.2609E-02	0.9819E+02	0.2414E-02	0.8132E+02	0.1259E-02	0.1468E+02
12.	0.2378E-02	0.1752E+03	0.3056E-02	-0.1690E+03	0.2927E-02	0.1398E+03
13.	0.6208E-02	-0.3468E+02	0.5409E-02	-0.2155E+02	0.3981E-02	-0.3616E+02
14.	0.5000E-02	-0.8360E+01	0.3141E-02	-0.8723E+00	0.3066E-02	-0.2310E+02
15.	0.3758E-02	0.3767E+02	0.3236E-02	0.3436E+02	0.1788E-02	0.1762E+02

Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1359E+02	0.0000E+00
1.	0.5331E-01	0.1408E+03
2.	0.1879E-01	-0.1647E+03
3.	0.1514E-01	-0.1068E+03
4.	0.1341E-02	0.1175E+03
5.	0.6668E-02	-0.8464E+02
6.	0.1985E-02	-0.6353E+01
7.	0.2880E-02	-0.9242E+02
8.	0.3490E-02	0.5991E+01
9.	0.1379E-03	-0.1170E+03
10.	0.2109E-02	0.2138E+02
11.	0.7215E-03	-0.1285E+02
12.	0.1563E-02	0.1131E+03
13.	0.1607E-02	-0.6602E+02
14.	0.1560E-02	-0.5450E+02
15.	0.1010E-02	-0.1611E+02

Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1504E+02	0.0000E+00	0.1351E+02	0.0000E+00	0.1182E+02	0.0000E+00
1.	0.6712E+00	0.3365E+02	0.1497E+01	-0.5663E+02	0.2566E+01	-0.6985E+02
2.	0.3834E+00	0.9511E+02	0.2635E+00	0.8816E+02	0.5289E+00	0.4750E+02
3.	0.3749E+00	-0.7413E+02	0.3841E+00	-0.7522E+02	0.2732E+00	-0.1075E+03
4.	0.9226E-01	-0.1505E+02	0.9945E-01	-0.1539E+02	0.1671E+00	-0.2482E+02
5.	0.9664E-01	-0.2726E+02	0.8209E-01	-0.2678E+02	0.5840E-01	0.4381E+02
6.	0.2687E-01	0.4023E+02	0.3886E-01	0.3015E+02	0.1662E-01	-0.7627E+02
7.	0.9908E-02	-0.2020E+02	0.1242E-01	-0.2824E+02	0.3416E-01	0.1047E+01
8.	0.1069E-01	-0.7953E+01	0.1997E-01	-0.2521E+02	0.2463E-02	-0.1585E+02
9.	0.3853E-02	0.2225E+02	0.1322E-01	0.1104E+02	0.2625E-01	-0.1516E+02
10.	0.1312E-01	0.1035E+03	0.1031E-01	0.9123E+02	0.2994E-01	0.8582E+02
11.	0.9261E-02	0.1659E+03	0.3746E-02	0.1562E+03	0.1385E-01	-0.1523E+03
12.	0.1132E-01	-0.1760E+03	0.8805E-02	-0.1646E+03	0.5923E-02	-0.1774E+02
13.	0.3822E-02	-0.2817E+02	0.7782E-02	-0.1864E+02	0.7710E-02	0.6411E+02
14.	0.6854E-02	-0.7330E+02	0.5353E-02	-0.3241E+02	0.1221E-01	-0.3164E+02
15.	0.1470E-02	-0.1581E+03	0.1678E-02	0.1042E+03	0.1029E-01	0.8229E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1196E+02	0.0000E+00	0.1234E+02	0.0000E+00	0.1271E+02	0.0000E+00
1.	0.2154E+01	-0.7318E+02	0.2237E+01	-0.7736E+02	0.1072E+01	-0.8375E+02
2.	0.5191E+00	0.3759E+02	0.6424E+00	0.2258E+02	0.1602E+00	0.2907E+01
3.	0.1837E+00	-0.1425E+03	0.1277E+00	0.1502E+03	0.6815E-01	-0.3984E+02
4.	0.1718E+00	-0.5467E+02	0.1107E+00	-0.9347E+02	0.2983E-01	0.6825E+02
5.	0.1262E+00	0.3202E+02	0.8673E-01	0.7435E+01	0.1662E-01	-0.1351E+03
6.	0.6719E-01	0.1487E+03	0.4483E-01	0.1533E+03	0.1934E-01	-0.3634E+02
7.	0.8063E-01	-0.7696E+02	0.7499E-01	-0.5942E+02	0.9911E-02	-0.2398E+02
8.	0.4123E-01	0.1379E+02	0.7548E-01	0.4597E+02	0.6073E-03	0.6554E+01
9.	0.1227E-01	0.3137E+02	0.4654E-01	0.1744E+03	0.1616E-01	-0.4454E+02
10.	0.2876E-01	0.7970E+02	0.4041E-01	-0.5037E+02	0.1568E-01	0.3273E+02
11.	0.2843E-01	-0.1772E+03	0.4330E-01	0.6526E+02	0.7659E-02	0.9241E+02
12.	0.3455E-01	-0.5822E+02	0.4142E-01	-0.1669E+03	0.6436E-02	-0.1551E+03
13.	0.4091E-01	0.5080E+02	0.4357E-01	-0.2881E+02	0.7860E-02	-0.1778E+02
14.	0.3117E-01	0.1747E+03	0.3716E-01	0.7786E+02	0.5034E-02	0.2249E+02
15.	0.2769E-01	-0.5502E+02	0.2786E-01	-0.1576E+03	0.5452E-02	0.5706E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1317E+02	0.0000E+00	0.1293E+02	0.0000E+00	0.1331E+02	0.0000E+00
1.	0.8485E+00	-0.8511E+02	0.6101E+00	-0.8712E+02	0.4883E+00	-0.9016E+02
2.	0.1065E+00	-0.2721E+00	0.6297E-01	0.2269E+01	0.4001E-01	-0.2617E+00
3.	0.6335E-01	-0.5616E+02	0.4527E-01	-0.5999E+02	0.4352E-01	-0.7157E+02
4.	0.1903E-01	0.5705E+02	0.1076E-01	0.6548E+02	0.6380E-02	0.6417E+02
5.	0.8905E-02	-0.9537E+02	0.1097E-01	-0.9036E+02	0.9988E-02	-0.8342E+02
6.	0.1358E-01	-0.2825E+02	0.8842E-02	-0.1865E+02	0.9228E-02	-0.2180E+02
7.	0.9977E-02	-0.3588E+02	0.1033E-01	-0.8722E+02	0.7846E-02	-0.6838E+02
8.	0.2829E-02	-0.1244E+02	0.4513E-02	-0.3920E+02	0.3789E-02	-0.3793E+02
9.	0.1277E-01	-0.4095E+02	0.1224E-01	-0.4863E+02	0.1046E-01	-0.4835E+02
10.	0.1198E-01	0.3818E+02	0.1017E-01	0.2873E+02	0.8498E-02	0.2368E+02
11.	0.6251E-02	0.7672E+02	0.5171E-02	0.5163E+02	0.3847E-02	0.5175E+02
12.	0.4061E-02	-0.1619E+03	0.3449E-02	-0.1795E+03	0.2297E-02	0.1767E+03
13.	0.4860E-02	-0.2469E+02	0.4123E-02	-0.2379E+02	0.3226E-02	-0.3220E+02
14.	0.3379E-02	0.5546E+01	0.2752E-02	-0.1453E+02	0.2591E-02	-0.2670E+02
15.	0.4876E-02	0.5245E+02	0.3513E-02	0.2983E+02	0.4017E-02	0.2063E+02

Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1288E+02	0.0000E+00	0.1340E+02	0.0000E+00	0.1330E+02	0.0000E+00
1.	0.4021E+00	-0.9307E+02	0.3041E+00	-0.9577E+02	0.1723E+00	-0.1136E+03
2.	0.1908E-01	0.2619E+01	0.1736E-01	-0.2474E+02	0.3706E-02	-0.1059E+03
3.	0.5717E-01	-0.8842E+02	0.4234E-01	-0.9170E+02	0.2907E-01	-0.1006E+03
4.	0.9966E-02	-0.8744E+01	0.1847E-02	0.1139E+03	0.5349E-02	0.1435E+03
5.	0.1083E-01	-0.4201E+02	0.1019E-01	-0.6137E+02	0.1011E-01	-0.8741E+02
6.	0.5454E-02	-0.7343E+01	0.7485E-02	-0.3017E+02	0.6031E-02	-0.2984E+02
7.	0.6398E-02	-0.5608E+02	0.8207E-02	-0.4287E+02	0.5702E-02	-0.7507E+02
8.	0.3539E-02	0.9378E+01	0.4305E-02	-0.7998E+01	0.3769E-02	-0.2809E+02
9.	0.4471E-02	-0.5898E+02	0.5413E-02	-0.7068E+02	0.5548E-02	-0.8592E+02
10.	0.3761E-02	0.2912E+02	0.5393E-02	0.1612E+02	0.4500E-02	-0.3252E+01
11.	0.3247E-02	-0.2496E+02	0.2194E-02	0.4019E+02	0.2132E-02	0.1492E+02
12.	0.1057E-02	0.1106E+02	0.2845E-02	0.1750E+03	0.2696E-02	0.1515E+03
13.	0.2378E-02	0.5836E+01	0.2321E-02	-0.6488E+02	0.2951E-02	-0.5533E+02
14.	0.6213E-03	0.1475E+03	0.1744E-02	-0.6768E+02	0.2046E-02	-0.5914E+02
15.	0.1484E-02	-0.2704E+02	0.2248E-02	-0.2888E+02	0.2358E-02	-0.3640E+02

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Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1487E+02	0.0000E+00	0.1258E+02	0.0000E+00	0.1187E+02	0.0000E+00
1.	0.7502E+00	0.6712E+01	0.2104E+01	-0.6127E+02	0.2449E+01	-0.8386E+02
2.	0.3719E+00	0.1148E+03	0.2689E+00	0.9582E+02	0.8312E+00	0.5944E+01
3.	0.4326E+00	-0.7243E+02	0.4553E+00	-0.8041E+02	0.3546E+00	0.9663E+02
4.	0.1060E+00	-0.3994E+02	0.1395E+00	-0.2710E+02	0.2539E+00	-0.1606E+03
5.	0.1230E+00	-0.2842E+02	0.9836E-01	-0.2067E+02	0.1526E+00	-0.5175E+02
6.	0.3932E-01	0.1670E+02	0.5314E-01	0.2249E+02	0.5758E-01	0.9299E+02
7.	0.2393E-01	-0.5259E+01	0.2295E-01	0.1179E+01	0.1100E+00	-0.9182E+02
8.	0.7456E-02	-0.1822E+02	0.1421E-01	-0.2192E+02	0.1561E+00	0.9474E+01
9.	0.1939E-01	-0.1762E+02	0.2303E-01	-0.9644E+01	0.1408E+00	0.1092E+03
10.	0.1141E-01	0.3689E+02	0.1106E-01	0.4672E+02	0.1076E+00	-0.1480E+03
11.	0.8690E-02	0.7941E+02	0.5278E-02	0.5649E+02	0.7015E-01	-0.3806E+02
12.	0.7038E-02	0.1711E+03	0.6259E-02	-0.1440E+03	0.2103E-01	0.9989E+02
13.	0.5017E-02	-0.1065E+03	0.8497E-02	-0.6375E+02	0.3856E-01	-0.5136E+02
14.	0.7629E-02	-0.6803E+02	0.9644E-02	-0.4610E+02	0.6055E-01	0.4952E+02
15.	0.3884E-02	-0.2309E+02	0.4636E-02	0.3945E+01	0.6288E-01	0.1547E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1271E+02	0.0000E+00	0.1284E+02	0.0000E+00	0.1328E+02	0.0000E+00
1.	0.7282E+00	-0.8707E+02	0.4945E+00	-0.9231E+02	0.1570E+00	-0.1023E+03
2.	0.2744E-01	0.2653E+02	0.2355E-01	0.9376E+02	0.4089E-01	0.9663E+02
3.	0.8543E-01	-0.6892E+02	0.5277E-01	-0.7364E+02	0.1139E-01	-0.1115E+03
4.	0.3524E-01	0.4878E+02	0.1362E-01	0.7754E+02	0.1292E-01	0.1470E+03
5.	0.1120E-01	-0.1598E+03	0.9493E-02	-0.1207E+03	0.1299E-01	-0.1195E+03
6.	0.9665E-02	-0.8327E+02	0.6442E-02	-0.4734E+02	0.3615E-02	-0.8276E+02
7.	0.1369E-01	-0.3763E+02	0.6671E-02	-0.5237E+02	0.7455E-02	-0.1008E+03
8.	0.7315E-02	0.3749E+02	0.3578E-02	0.4853E+02	0.5186E-02	0.4620E+00
9.	0.6607E-02	-0.1052E+03	0.5334E-02	-0.8126E+02	0.2817E-02	-0.1279E+03
10.	0.9775E-02	0.3583E+02	0.6207E-02	0.2143E+02	0.2819E-02	0.1095E+02
11.	0.7738E-02	0.5654E+02	0.4311E-02	0.5705E+02	0.1398E-02	-0.1491E+02
12.	0.7206E-02	0.1589E+03	0.3654E-02	0.1465E+03	0.4169E-02	0.1198E+03
13.	0.4344E-02	-0.3326E+02	0.2022E-02	0.1844E+02	0.2004E-02	-0.1734E+02
14.	0.4150E-02	-0.6537E+02	0.1245E-02	-0.4796E+02	0.1718E-02	-0.1244E+03
15.	0.3359E-02	0.3694E+02	0.2767E-02	0.1579E+02	0.9241E-03	-0.4747E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1360E+02	0.0000E+00
1.	0.2192E+00	0.1007E+03
2.	0.4730E-01	0.1717E+03
3.	0.5536E-02	-0.1285E+02
4.	0.8480E-02	0.1639E+03
5.	0.1001E-01	-0.1216E+03
6.	0.3953E-02	-0.2211E+02
7.	0.2963E-02	-0.1523E+03
8.	0.2631E-02	0.9918E+01
9.	0.2199E-02	-0.1638E+03
10.	0.1427E-02	-0.5108E+02
11.	0.6489E-03	-0.6522E+02
12.	0.3403E-02	0.1079E+03
13.	0.7721E-03	0.5676E+01
14.	0.8340E-03	-0.1240E+03
15.	0.8404E-03	-0.1097E+03

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Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1509E+02	0.0000E+00	0.1308E+02	0.0000E+00	0.1138E+02	0.0000E+00
1.	0.6798E+00	0.2095E+02	0.1808E+01	-0.6425E+02	0.2732E+01	-0.7679E+02
2.	0.3188E+00	0.1281E+03	0.1816E+00	0.1199E+03	0.4064E+00	0.2704E+02
3.	0.3718E+00	-0.7719E+02	0.4168E+00	-0.8265E+02	0.2747E+00	-0.1002E+03
4.	0.9688E-01	-0.5624E+02	0.1036E+00	-0.4106E+02	0.1817E+00	-0.1917E+02
5.	0.1161E+00	-0.3906E+02	0.1042E+00	-0.4141E+02	0.6453E-01	0.6658E+02
6.	0.3912E-01	0.5105E+01	0.5310E-01	0.7432E+01	0.2554E-01	-0.1046E+03
7.	0.2429E-01	-0.2370E+02	0.2636E-01	-0.1799E+02	0.3586E-01	-0.1248E+02
8.	0.1105E-01	-0.2527E+02	0.1902E-01	-0.2760E+02	0.1085E-01	-0.1154E+03
9.	0.1558E-01	-0.2835E+02	0.2162E-01	-0.1860E+02	0.4040E-01	-0.4187E+02
10.	0.1086E-01	0.2642E+02	0.1317E-01	0.2093E+02	0.2907E-01	0.4559E+02
11.	0.9291E-02	0.4573E+02	0.1059E-01	0.4304E+02	0.2187E-02	0.5951E+02
12.	0.8453E-02	0.1418E+03	0.7429E-02	0.1389E+03	0.9507E-02	0.8203E+02
13.	0.2492E-02	-0.8889E+02	0.6552E-02	-0.6413E+02	0.7330E-02	-0.1734E+03
14.	0.8261E-02	-0.9038E+02	0.7918E-02	-0.8514E+02	0.1856E-01	-0.8409E+02
15.	0.2401E-02	-0.3503E+02	0.4210E-02	-0.3381E+02	0.1157E-01	0.1038E+02

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.15		FRACTN OF CHORD 0.20		FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1138E+02	0.0000E+00	0.1112E+02	0.0000E+00	0.1182E+02	0.0000E+00
1.	0.2433E+01	-0.8204E+02	0.2745E+01	-0.8359E+02	0.2175E+01	-0.8544E+02
2.	0.6083E+00	0.1248E+02	0.7769E+00	0.8022E+01	0.7027E+00	0.4589E+01
3.	0.1297E+00	0.1423E+03	0.1534E+00	0.9943E+02	0.2939E+00	0.9086E+02
4.	0.1488E+00	-0.1146E+03	0.4110E-01	-0.1167E+03	0.2060E+00	-0.1744E+03
5.	0.1246E+00	-0.2237E+02	0.5857E-01	0.6234E+02	0.1023E+00	-0.8176E+02
6.	0.5547E-01	0.7986E+02	0.8098E-01	0.1787E+03	0.2247E-01	-0.9363E+02
7.	0.3239E-01	-0.9843E+02	0.8502E-01	-0.8139E+02	0.1133E+00	-0.5618E+02
8.	0.3283E-01	0.1077E+01	0.4781E-01	-0.2401E+02	0.1530E+00	0.2966E+02
9.	0.8753E-02	0.1190E+03	0.5232E-01	-0.1711E+02	0.1444E+00	0.1211E+03
10.	0.5863E-02	-0.7530E+02	0.7595E-01	0.5216E+02	0.1130E+00	-0.1460E+03
11.	0.1074E-01	-0.3357E+02	0.6600E-01	0.1351E+03	0.6859E-01	-0.5734E+02
12.	0.8683E-02	0.2193E+02	0.4558E-01	-0.1391E+03	0.2337E-01	-0.2944E+02
13.	0.1236E-01	0.6791E+02	0.1839E-01	-0.5576E+02	0.6148E-01	-0.5096E+01
14.	0.1512E-01	-0.1359E+03	0.2359E-01	-0.7332E+02	0.8677E-01	0.7865E+02
15.	0.1150E-01	-0.1737E+02	0.3178E-01	-0.1239E+01	0.9027E-01	0.1718E+03

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.35		FRACTN OF CHORD 0.40		FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1238E+02	0.0000E+00	0.1264E+02	0.0000E+00	0.1295E+02	0.0000E+00
1.	0.8944E+00	-0.8545E+02	0.6485E+00	-0.8816E+02	0.5342E+00	-0.8846E+02
2.	0.3733E-01	0.6561E+02	0.4702E-01	0.8879E+02	0.6266E-01	0.9747E+02
3.	0.1133E+00	-0.7366E+02	0.7624E-01	-0.8057E+02	0.6190E-01	-0.8333E+02
4.	0.4854E-01	0.3696E+02	0.2537E-01	0.4943E+02	0.1893E-01	0.7391E+02
5.	0.1837E-01	0.1481E+03	0.1006E-01	0.1798E+03	0.1018E-01	-0.1561E+03
6.	0.1256E-01	-0.8053E+02	0.8050E-02	-0.7042E+02	0.5828E-02	-0.7247E+02
7.	0.1159E-01	-0.1104E+02	0.8157E-02	-0.3161E+02	0.8095E-02	-0.6088E+02
8.	0.2305E-02	0.1634E+03	0.1878E-02	0.8032E+02	0.2056E-02	0.4052E+02
9.	0.1266E-01	-0.6172E+02	0.7701E-02	-0.7886E+02	0.5455E-02	-0.8953E+02
10.	0.1246E-01	0.2598E+02	0.7521E-02	0.1123E+02	0.5313E-02	0.7653E+01
11.	0.6386E-02	0.7845E+02	0.4404E-02	0.5065E+02	0.4566E-02	0.3270E+02
12.	0.5472E-02	0.1554E+03	0.4252E-02	0.1306E+03	0.4583E-02	0.1316E+03
13.	0.2985E-02	-0.6071E+02	0.1643E-02	-0.4981E+02	0.2117E-02	-0.2863E+02
14.	0.4853E-02	-0.5122E+02	0.3584E-02	-0.6541E+02	0.2514E-02	-0.7320E+02
15.	0.5009E-02	0.3411E+02	0.3949E-02	-0.4605E+01	0.3343E-02	0.2808E+01

Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1303E+02	0.0000E+00	0.1307E+02	0.0000E+00	0.1318E+02	0.0000E+00
1.	0.1477E+00	-0.9985E+02	0.2421E+00	-0.9023E+02	0.1202E+00	-0.9932E+02
2.	0.7232E-01	0.1554E+03	0.7702E-01	0.1007E+03	0.6776E-01	0.1018E+03
3.	0.1464E-01	-0.5197E+01	0.2823E-01	-0.8783E+02	0.1586E-01	-0.8705E+02
4.	0.2300E-01	0.1741E+03	0.1617E-01	0.1181E+03	0.1763E-01	0.1281E+03
5.	0.1259E-01	0.5923E+02	0.1121E-01	-0.1426E+03	0.1296E-01	-0.1377E+03
6.	0.3499E-02	-0.1650E+03	0.4294E-02	-0.7093E+02	0.4510E-02	-0.8265E+02
7.	0.4988E-02	0.5508E+02	0.4929E-02	-0.6811E+02	0.5283E-02	-0.7897E+02
8.	0.1789E-02	-0.1511E+03	0.1807E-02	0.5750E+02	0.1863E-02	0.4208E+02
9.	0.3200E-02	0.5764E+02	0.4142E-02	-0.9302E+02	0.3499E-02	-0.1098E+03
10.	0.9208E-03	-0.1268E+03	0.2703E-02	-0.9203E+01	0.1481E-02	-0.1416E+01
11.	0.2250E-02	0.5294E+02	0.1140E-02	0.2695E+02	0.9825E-03	-0.8564E+01
12.	0.9758E-03	-0.1211E+03	0.2086E-02	0.1531E+03	0.2527E-02	0.1388E+03
13.	0.2562E-02	0.5818E+02	0.1124E-02	-0.1259E+02	0.5440E-03	-0.1470E+02
14.	0.1920E-02	-0.6572E+02	0.8961E-03	-0.9495E+02	0.1144E-02	-0.1082E+03
15.	0.1262E-02	0.9084E+02	0.1689E-02	-0.3324E+02	0.9517E-03	-0.5044E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1317E+02	0.0000E+00
1.	0.2072E+00	0.9137E+02
2.	0.5235E-01	0.1293E+03
3.	0.5415E-02	-0.1693E+03
4.	0.9043E-02	0.1307E+03
5.	0.1200E-01	-0.1400E+03
6.	0.3737E-02	-0.6498E+02
7.	0.3294E-02	-0.9915E+02
8.	0.1749E-02	-0.1494E+02
9.	0.2113E-02	-0.1368E+03
10.	0.1309E-02	-0.6348E+02
11.	0.3810E-03	-0.3837E+02
12.	0.2183E-02	0.1215E+03
13.	0.8244E-03	0.1457E+02
14.	0.1329E-02	-0.1144E+03
15.	0.5072E-03	-0.1050E+03



Table IV-4b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1486E+02	0.0000E+00	0.1260E+02	0.0000E+00	0.1136E+02	0.0000E+00
1.	0.4045E+00	0.5500E+01	0.1715E+01	-0.7490E+02	0.1990E+01	-0.9312E+02
2.	0.2613E+00	0.1563E+03	0.1118E+00	0.1607E+03	0.4932E+00	-0.1292E+02
3.	0.3315E+00	-0.8146E+02	0.3688E+00	-0.8400E+02	0.1945E+00	0.3976E+02
4.	0.1192E+00	-0.6376E+02	0.1210E+00	-0.4639E+02	0.1402E+00	0.1241E+03
5.	0.1161E+00	-0.3535E+02	0.9982E-01	-0.2950E+02	0.9432E-01	-0.1683E+03
6.	0.4246E-01	0.3231E+01	0.5342E-01	0.1483E+02	0.8969E-01	-0.1200E+03
7.	0.3048E-01	-0.1936E+02	0.3073E-01	-0.8432E+01	0.1179E+00	-0.5953E+02
8.	0.1673E-01	-0.2119E+02	0.2056E-01	-0.3883E+01	0.1187E+00	0.5603E+01
9.	0.1648E-01	-0.2189E+02	0.1888E-01	-0.7055E+01	0.9948E-01	0.7188E+02
10.	0.1232E-01	0.2465E+02	0.1455E-01	0.4004E+02	0.8702E-01	0.1358E+03
11.	0.1179E-01	0.4134E+02	0.1030E-01	0.3963E+02	0.6752E-01	-0.1574E+03
12.	0.8210E-02	0.1278E+03	0.5049E-02	0.9674E+02	0.5748E-01	-0.9787E+02
13.	0.2699E-02	-0.3166E+02	0.3152E-02	-0.2207E+02	0.5615E-01	-0.2591E+02
14.	0.8640E-02	-0.8778E+02	0.6447E-02	-0.8296E+02	0.4401E-01	0.2896E+02
15.	0.3457E-02	-0.2158E+02	0.3630E-02	-0.2463E+02	0.3303E-01	0.8776E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1137E+02	0.0000E+00	0.1103E+02	0.0000E+00	0.1282E+02	0.0000E+00
1.	0.1717E+01	-0.9006E+02	0.1538E+01	-0.8818E+02	0.4898E+00	-0.7881E+02
2.	0.3280E+00	0.1650E+02	0.4174E+00	0.1929E+02	0.1656E+00	0.8862E+02
3.	0.3177E-01	0.1718E+03	0.1784E+00	0.1089E+03	0.5898E-01	-0.6843E+02
4.	0.4090E-01	-0.5949E+02	0.1463E+00	-0.1585E+03	0.1705E-01	0.9315E+02
5.	0.4764E-01	0.3847E+02	0.9179E-01	-0.5614E+02	0.7911E-02	-0.1665E+03
6.	0.3661E-01	0.1332E+03	0.3785E-01	0.3459E+02	0.1788E-02	-0.1398E+03
7.	0.2569E-01	-0.1247E+03	0.2289E-01	-0.3875E+02	0.4671E-02	-0.5397E+02
8.	0.2084E-01	-0.7285E+02	0.5087E-01	0.4949E+02	0.1122E-02	0.1006E+03
9.	0.3118E-01	-0.3822E+02	0.6199E-01	0.1455E+03	0.3594E-02	-0.6895E+02
10.	0.4403E-01	0.3900E+02	0.6137E-01	-0.1188E+03	0.3289E-02	0.4095E+02
11.	0.3981E-01	0.1111E+03	0.5573E-01	-0.2203E+02	0.1704E-02	0.6381E+02
12.	0.3453E-01	-0.1717E+03	0.3601E-01	0.6779E+02	0.2687E-02	0.1590E+03
13.	0.2408E-01	-0.8089E+02	0.1302E-01	0.1298E+03	0.1886E-02	0.1626E+02
14.	0.2455E-01	-0.3063E+02	0.9296E-02	0.1242E+03	0.3004E-02	-0.7392E+02
15.	0.2445E-01	0.3731E+02	0.2229E-01	-0.1686E+03	0.2268E-02	0.2195E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1280E+02	0.0000E+00	0.1291E+02	0.0000E+00	0.1309E+02	0.0000E+00
1.	0.4142E+00	-0.7335E+02	0.3022E+00	-0.7172E+02	0.2451E+00	-0.6856E+02
2.	0.1848E+00	0.8915E+02	0.1758E+00	0.8651E+02	0.1867E+00	0.8537E+02
3.	0.6180E-01	-0.5977E+02	0.5338E-01	-0.5623E+02	0.4293E-01	-0.4857E+02
4.	0.1974E-01	0.1000E+03	0.2357E-01	0.1032E+03	0.2904E-01	0.1102E+03
5.	0.9407E-02	-0.1784E+03	0.1267E-01	0.1590E+03	0.2059E-01	0.1669E+03
6.	0.1342E-02	-0.1720E+03	0.2464E-02	0.1348E+03	0.5234E-02	0.1545E+03
7.	0.4755E-02	-0.4161E+02	0.2160E-02	-0.3726E+02	0.2279E-02	-0.1490E+03
8.	0.1873E-02	0.6225E+02	0.2795E-02	0.9523E+02	0.4265E-02	0.1048E+03
9.	0.2429E-02	-0.6671E+02	0.1910E-02	-0.1221E+03	0.3930E-02	-0.1342E+03
10.	0.2404E-02	0.5270E+02	0.1667E-02	0.8781E+02	0.1800E-02	0.1236E+03
11.	0.1667E-02	0.7162E+02	0.1502E-02	0.1255E+03	0.2556E-02	0.1487E+03
12.	0.2710E-02	0.1555E+03	0.2753E-02	0.1224E+03	0.3521E-02	0.1265E+03
13.	0.2475E-02	0.1620E+02	0.1476E-02	0.3037E+02	0.1983E-02	-0.2407E+00
14.	0.2129E-02	-0.4930E+02	0.8385E-03	-0.6898E+02	0.6268E-03	-0.1166E+03
15.	0.1066E-02	0.4722E+02	0.3804E-03	0.6789E+02	0.8901E-03	-0.1003E+03

Table IV-4b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1325E+02	0.0000E+00	0.1340E+02	0.0000E+00	0.1324E+02	0.0000E+00
1.	0.2048E+00	-0.6452E+02	0.9567E-01	-0.6042E+02	0.2394E+00	0.3306E+02
2.	0.1868E+00	0.8404E+02	0.1829E+00	0.8275E+02	0.2305E+00	0.1274E+03
3.	0.3255E-01	-0.5178E+02	0.7109E-02	-0.8798E+02	0.1466E+00	-0.4642E+02
4.	0.3009E-01	0.1204E+03	0.1735E-01	0.1503E+03	0.1144E+00	0.1207E+03
5.	0.2621E-01	0.1739E+03	0.3255E-01	-0.1734E+03	0.8897E-01	-0.9050E+02
6.	0.5746E-02	-0.1658E+03	0.1352E-01	-0.1038E+03	0.5091E-01	0.6676E+02
7.	0.3400E-02	-0.1423E+03	0.4726E-02	-0.1281E+03	0.2716E-01	-0.1195E+03
8.	0.3870E-02	0.1061E+03	0.2096E-02	0.6098E+02	0.1951E-01	0.4266E+02
9.	0.4303E-02	-0.1464E+03	0.5027E-02	-0.1251E+03	0.9773E-02	-0.1733E+03
10.	0.2165E-02	0.1559E+03	0.2295E-02	-0.6622E+02	0.1939E-02	-0.9106E+02
11.	0.2877E-02	0.1733E+03	0.1425E-02	-0.1188E+03	0.3174E-02	0.1717E+02
12.	0.4160E-02	0.1381E+03	0.2315E-02	0.1356E+03	0.7363E-02	0.1618E+03
13.	0.2175E-02	-0.2900E+02	0.2375E-02	-0.1305E+02	0.4297E-02	-0.9955E+01
14.	0.1630E-02	-0.9093E+02	0.1417E-02	-0.5862E+02	0.3155E-02	0.1777E+03
15.	0.1537E-02	-0.1347E+03	0.0843E-03	-0.9866E+01	0.4352E-02	-0.2986E+02

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Table IV-5a. Harmonic pressure data for 129 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1138E+02	0.0000E+00	0.1179E+02	0.0000E+00	0.1216E+02	0.0000E+00
1.	0.1694E+01	-0.4666E+02	0.1402E+01	-0.6228E+02	0.1030E+01	-0.6695E+02
2.	0.3763E+00	0.1101E+03	0.2343E+00	0.7194E+02	0.1796E+00	0.5562E+02
3.	0.1348E-01	0.6809E+02	0.1894E-01	0.9190E+02	0.1577E-01	0.1060E+03
4.	0.1140E-01	-0.7126E+01	0.5752E-01	-0.1265E+02	0.2800E-01	-0.1361E+02
5.	0.4886E-01	0.4990E+02	0.3200E-01	0.2969E+02	0.1916E-01	0.3249E+02
6.	0.1221E+00	-0.5669E+02	0.6042E-01	-0.6164E+02	0.2897E-01	-0.4767E+02
7.	0.6649E-01	-0.1991E+02	0.4456E-01	-0.2290E+02	0.2171E-01	-0.2104E+02
8.	0.7605E-01	-0.6795E+02	0.3758E-01	-0.5593E+02	0.1750E-01	-0.4349E+02
9.	0.8665E-01	-0.2482E+02	0.4513E-01	-0.2499E+02	0.2451E-01	-0.1944E+02
10.	0.5462E-01	0.2218E+02	0.3061E-01	0.2407E+02	0.1444E-01	0.2848E+02
11.	0.3722E-01	0.1733E+02	0.2381E-01	0.1687E+02	0.1494E-01	0.4084E+02
12.	0.3799E-01	0.5793E+02	0.2204E-01	0.4854E+02	0.1176E-01	0.5910E+02
13.	0.1375E-01	0.8894E+02	0.1057E-01	0.8595E+02	0.5255E-02	0.9425E+02
14.	0.7938E-02	0.7636E+02	0.5235E-02	0.8264E+02	0.3844E-02	0.1116E+03
15.	0.8612E-02	0.1187E+03	0.5187E-02	0.1043E+03	0.2873E-02	0.1172E+03

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1266E+02	0.0000E+00	0.1298E+02	0.0000E+00
1.	0.5752E+00	-0.7422E+02	0.2574E+00	-0.7692E+02
2.	0.1034E+00	0.4044E+02	0.4816E-01	0.5201E+02
3.	0.1301E-01	0.6637E+02	0.1128E-01	0.4404E+02
4.	0.7483E-02	-0.1074E+02	0.3393E-02	0.8063E+01
5.	0.8106E-02	0.1926E+02	0.5619E-02	0.2011E+02
6.	0.9552E-02	-0.3725E+02	0.3632E-02	-0.3485E+02
7.	0.9251E-02	-0.4206E+02	0.4895E-02	-0.5051E+02
8.	0.5876E-02	-0.5713E+02	0.2180E-02	-0.9644E+02
9.	0.5836E-02	-0.3401E+02	0.2572E-02	-0.9267E+02
10.	0.6318E-02	0.3480E+02	0.2685E-02	-0.7108E+01
11.	0.5576E-02	0.3007E+02	0.2837E-02	-0.1448E+02
12.	0.4162E-02	0.6101E+02	0.2733E-02	-0.1732E+02
13.	0.1399E-02	0.8690E+02	0.1587E-02	-0.4637E+02
14.	0.3601E-03	0.1285E+03	0.9998E-03	0.6581E+02
15.	0.4118E-03	0.1131E+03	0.7084E-03	0.6380E+02

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1069E+02	0.0000E+00	0.1069E+02	0.0000E+00	0.1112E+02	0.0000E+00
1.	0.1662E+00	-0.8227E+01	0.1179E+01	-0.7822E+02	0.1183E+01	-0.7976E+02
2.	0.2051E+00	0.1535E+03	0.2281E+00	0.4282E+02	0.2108E+00	0.2409E+02
3.	0.4373E+00	0.1305E+03	0.3792E+00	0.1259E+03	0.2113E+00	0.1177E+03
4.	0.9942E-01	0.1675E+03	0.8343E-01	0.1768E+03	0.5115E-01	0.1645E+03
5.	0.1216E+00	0.9203E+02	0.8904E-01	0.6912E+02	0.4603E-01	0.7841E+02
6.	0.1336E+00	0.1334E+03	0.1029E+00	0.1102E+03	0.4518E-01	0.1052E+03
7.	0.8793E-01	0.1506E+03	0.7212E-01	0.1704E+03	0.3525E-01	0.1735E+03
8.	0.3412E-01	0.1522E+03	0.1828E-01	0.1787E+03	0.9890E-02	0.1640E+03
9.	0.5094E-01	0.1187E+03	0.3118E-01	0.1055E+03	0.2122E-01	0.1071E+03
10.	0.4303E-01	0.1331E+03	0.4230E-01	0.1011E+03	0.1979E-01	0.1109E+03
11.	0.2438E-01	0.1322E+03	0.1541E-01	0.7640E+02	0.3549E-02	0.2892E+02
12.	0.1980E-01	0.8383E+02	0.2101E-01	0.4924E+02	0.1439E-01	0.3940E+02
13.	0.2059E-01	0.1309E+03	0.1429E-01	0.1545E+03	0.1016E-01	0.1426E+03
14.	0.1526E-01	0.1238E+03	0.1041E-01	0.1393E+03	0.0637E-02	0.1598E+03
15.	0.1268E-01	0.1501E+03	0.1123E-01	0.1133E+03	0.5199E-02	0.1115E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1163E+02	0.0000E+00	0.1210E+02	0.0000E+00	0.1230E+02	0.0000E+00
1.	0.1047E+01	-0.8084E+02	0.7510E+00	-0.8177E+02	0.5560E+00	-0.8252E+02
2.	0.1761E+00	0.1857E+02	0.1187E+00	0.1034E+02	0.6656E-01	0.8036E+01
3.	0.1344E+00	0.1110E+03	0.7957E-01	0.1026E+03	0.5604E-01	0.9256E+02
4.	0.2838E-01	0.1712E+03	0.2267E-01	0.1563E+03	0.1861E-01	0.1629E+03
5.	0.2702E-01	0.7688E+02	0.1703E-01	0.6826E+02	0.9356E-02	0.4664E+02
6.	0.2954E-01	0.1083E+03	0.1871E-01	0.1042E+03	0.1164E-01	0.9728E+02
7.	0.2230E-01	0.1760E+03	0.1370E-01	-0.1692E+03	0.8774E-02	-0.1843E+03
8.	0.3720E-02	0.9560E+02	0.3775E-02	0.1204E+03	0.1807E-02	0.1256E+03
9.	0.1452E-01	0.1156E+03	0.1017E-01	0.1320E+03	0.7521E-02	0.1313E+03
10.	0.1313E-01	0.1151E+03	0.6918E-02	0.1055E+03	0.5985E-02	0.9153E+02
11.	0.2598E-02	-0.7854E+02	0.2465E-02	-0.1428E+02	0.1604E-02	0.1206E+03
12.	0.9764E-02	0.1980E+02	0.6243E-02	0.9163E+01	0.4267E-02	-0.6763E+01
13.	0.7706E-02	0.1286E+03	0.3491E-02	0.1674E+03	0.1264E-02	0.1662E+03
14.	0.6496E-02	0.1349E+03	0.3176E-02	0.1609E+03	0.2826E-02	0.1472E+03
15.	0.1290E-02	0.1147E+03	0.8449E-03	0.7353E+02	0.1384E-02	0.7305E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1263E+02	0.0000E+00	0.1283E+02	0.0000E+00	0.1297E+02	0.0000E+00
1.	0.3458E+00	-0.8182E+02	0.2318E+00	-0.8399E+02	0.1127E+00	-0.8355E+02
2.	0.3045E-01	0.1423E+02	0.2781E-01	-0.3030E+02	0.8327E-02	-0.1243E+03
3.	0.4436E-01	0.8657E+02	0.3703E-01	0.7018E+02	0.2347E-01	0.5712E+02
4.	0.1480E-01	0.1728E+03	0.1881E-01	0.1560E+03	0.1100E-01	0.1651E+03
5.	0.1019E-01	0.2775E+02	0.1188E-01	-0.9197E+00	0.7893E-02	-0.1572E+02
6.	0.1089E-01	0.1027E+03	0.1379E-01	0.8549E+02	0.7609E-02	0.7539E+02
7.	0.1076E-01	-0.1515E+03	0.1853E-01	-0.1373E+03	0.8801E-02	-0.1452E+03
8.	0.4479E-03	-0.1587E+03	0.5787E-02	-0.5324E+01	0.9534E-03	0.2160E+02
9.	0.7078E-02	0.1397E+03	0.1295E-01	0.1411E+03	0.6101E-02	0.1438E+03
10.	0.5231E-02	0.8820E+02	0.4119E-02	0.7041E+02	0.3161E-02	0.6687E+02
11.	0.2501E-02	0.1378E+03	0.3760E-02	0.5217E+02	0.1198E-02	0.1094E+03
12.	0.2131E-02	0.2217E+02	0.3743E-02	-0.4392E+02	0.1569E-02	-0.7628E+02
13.	0.4264E-02	-0.1631E+03	0.4376E-02	-0.1175E+03	0.2763E-02	-0.1223E+03
14.	0.2985E-02	0.1539E+03	0.3572E-02	0.1299E+03	0.1906E-02	0.9463E+02
15.	0.1172E-02	0.6344E+02	0.4049E-02	-0.1778E+03	0.5757E-03	-0.1373E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1320E+02	0.0000E+00
1.	0.3315E-01	0.1078E+03
2.	0.1428E-01	-0.1675E+03
3.	0.5940E-02	0.2878E+02
4.	0.3795E-02	0.9448E+02
5.	0.1545E-02	0.3852E+02
6.	0.4031E-02	-0.4942E+01
7.	0.6269E-02	-0.1184E+03
8.	0.1710E-02	-0.1734E+03
9.	0.4573E-02	0.1728E+03
10.	0.3015E-02	0.9185E+02
11.	0.1033E-02	-0.3731E+01
12.	0.2310E-02	-0.8130E+01
13.	0.2528E-02	-0.1067E+03
14.	0.2019E-02	0.1261E+03
15.	0.7775E-03	0.1406E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.75		FRACTN RADIUS 0.75		FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9813E+01	0.0000E+00	0.9701E+01	0.0000E+00	0.1030E+02	0.0000E+00
1.	0.2285E+01	0.1184E+03	0.5287E+00	-0.1559E+03	0.1366E+01	-0.9441E+02
2.	0.2101E+00	0.1041E+03	0.1406E+00	0.5822E+01	0.5876E+00	0.4583E+01
3.	0.6821E+00	0.1255E+03	0.3841E+00	0.1209E+03	0.5009E+00	0.1045E+03
4.	0.2308E+00	0.1394E+03	0.1145E+00	0.1533E+03	0.2754E+00	-0.1740E+03
5.	0.1810E+00	0.1503E+03	0.1011E+00	0.1507E+03	0.1478E+00	-0.8453E+02
6.	0.2070E+00	0.1336E+03	0.1089E+00	0.1400E+03	0.1284E+00	0.4276E+02
7.	0.1761E+00	0.1428E+03	0.9025E-01	0.1555E+03	0.1458E+00	0.1347E+03
8.	0.1262E+00	0.1488E+03	0.5863E-01	0.1504E+03	0.8696E-01	-0.1671E+03
9.	0.8488E-01	0.1399E+03	0.3078E-01	0.1448E+03	0.2753E-01	-0.7164E+02
10.	0.7525E-01	0.1147E+03	0.2401E-01	0.1006E+03	0.2581E-01	0.7056E+02
11.	0.7369E-01	0.1210E+03	0.3489E-01	0.1305E+03	0.5789E-02	0.1755E+03
12.	0.5481E-01	0.1296E+03	0.2028E-01	0.1388E+03	0.4121E-01	0.5521E+02
13.	0.3903E-01	0.1304E+03	0.9020E-02	0.1572E+03	0.5358E-01	0.1339E+03
14.	0.3239E-01	0.1132E+03	0.9660E-02	0.1003E+03	0.4027E-01	-0.1348E+03
15.	0.3084E-01	0.1225E+03	0.9735E-02	0.1550E+03	0.4752E-01	-0.4341E+02

HARMONIC	FRACTN RADIUS 0.75		FRACTN RADIUS 0.75		FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.15		FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.1148E+02	0.0000E+00	0.1192E+02	0.0000E+00
1.	0.1145E+01	-0.9143E+02	0.9639E+00	-0.8975E+02	0.5953E+00	-0.9027E+02
2.	0.3255E+00	0.1017E+01	0.2411E+00	-0.4823E+01	0.1278E+00	-0.1199E+02
3.	0.2112E+00	0.9925E+02	0.1294E+00	0.8759E+02	0.7614E-01	0.8045E+02
4.	0.7432E-01	0.1554E+03	0.3959E-01	0.1486E+03	0.2020E-01	0.1385E+03
5.	0.3048E-01	0.1504E+03	0.2943E-01	0.1707E+03	0.1767E-01	0.1589E+03
6.	0.1055E-01	0.9866E+02	0.1169E-01	0.1376E+03	0.9808E-02	0.1307E+03
7.	0.2031E-01	0.1131E+03	0.2046E-01	0.1609E+03	0.1493E-01	0.1541E+03
8.	0.3445E-02	0.1502E+03	0.1456E-01	0.1237E+03	0.8988E-02	0.1278E+03
9.	0.1732E-01	0.1570E+03	0.1139E-01	0.1714E+03	0.6253E-02	0.1757E+03
10.	0.5436E-01	0.2483E+02	0.4367E-02	0.1052E+03	0.2251E-02	0.6214E+02
11.	0.6709E-01	-0.1692E+03	0.4562E-02	0.1424E+03	0.3440E-02	0.9744E+02
12.	0.1610E-01	0.1240E+03	0.9964E-02	0.6551E+02	0.6213E-02	0.7484E+02
13.	0.1362E-01	-0.1471E+03	0.1017E-01	0.1743E+03	0.4448E-02	0.1712E+03
14.	0.1200E-01	-0.1284E+03	0.3256E-02	-0.2354E+02	0.1475E-02	-0.2145E+02
15.	0.1082E-01	-0.1794E+03	0.9749E-03	-0.1382E+03	0.1066E-02	0.1674E+03

HARMONIC	FRACTN RADIUS 0.75		FRACTN RADIUS 0.75		FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.40		FRACTN OF CHORD 0.55		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1207E+02	0.0000E+00	0.1249E+02	0.0000E+00	0.1298E+02	0.0000E+00
1.	0.5188E+00	-0.8893E+02	0.2243E+00	-0.8672E+02	0.1468E+00	-0.7964E+02
2.	0.1039E+00	-0.1380E+02	0.3663E-01	-0.3442E+02	0.1121E-01	-0.6856E+02
3.	0.6208E-01	0.7914E+02	0.3863E-01	0.6574E+02	0.2241E-01	0.6069E+02
4.	0.1642E-01	0.1281E+03	0.6726E-02	0.1265E+03	0.1424E-02	0.7745E+02
5.	0.1814E-01	0.1661E+03	0.9109E-02	0.1486E+03	0.5423E-02	0.1547E+03
6.	0.9578E-02	0.1155E+03	0.4727E-02	0.1097E+03	0.2559E-02	0.1252E+03
7.	0.1739E-01	0.1761E+03	0.1038E-01	0.1723E+03	0.6423E-02	-0.1778E+03
8.	0.7271E-02	0.1336E+03	0.4586E-02	0.1457E+03	0.2405E-02	0.1202E+03
9.	0.5676E-02	-0.1640E+03	0.2711E-02	-0.1643E+03	0.2129E-02	0.1629E+03
10.	0.3109E-02	0.8140E+02	0.2180E-02	0.5238E+02	0.1312E-02	0.1490E+03
11.	0.4968E-02	0.9842E+02	0.1116E-02	0.6041E+02	0.1350E-03	-0.1389E+03
12.	0.7710E-02	0.1097E+03	0.4241E-02	0.7796E+02	0.2250E-02	0.8463E+02
13.	0.7359E-02	0.1757E+03	0.2511E-02	0.1671E+03	0.1013E-02	-0.1477E+03
14.	0.2490E-02	-0.1534E+03	0.1812E-02	0.1040E+03	0.1051E-02	0.1077E+03
15.	0.5660E-02	-0.1009E+03	0.1303E-02	-0.1098E+03	0.4856E-03	-0.1602E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1325E+02	0.0000E+00
1.	0.1079E+00	0.9931E+02
2.	0.3307E-01	-0.1560E+03
3.	0.1100E-01	0.2934E+01
4.	0.1385E-02	-0.9148E+02
5.	0.2748E-02	-0.1672E+03
6.	0.2245E-02	0.5697E+02
7.	0.3785E-02	-0.1598E+03
8.	0.1337E-02	0.9699E+02
9.	0.2912E-02	-0.8420E+02
10.	0.1665E-02	0.3228E+02
11.	0.5907E-03	-0.7817E+02
12.	0.3049E-02	0.4299E+02
13.	0.2014E-02	-0.1374E+03
14.	0.2048E-02	-0.1582E+03
15.	0.2329E-02	-0.1723E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9705E+01	0.0000E+00	0.9739E+01	0.0000E+00	0.1077E+02	0.0000E+00
1.	0.1071E+01	0.1391E+03	0.1214E+01	-0.1071E+03	0.1294E+01	-0.9409E+02
2.	0.7682E-01	0.6326E+02	0.5433E+00	-0.6811E+01	0.4892E+00	-0.1607E+02
3.	0.2479E+00	0.1264E+03	0.3177E+00	0.9178E+02	0.3146E+00	0.6730E+02
4.	0.4361E-01	0.1163E+03	0.9585E-01	0.1467E+03	0.2196E+00	0.1412E+03
5.	0.9778E-01	0.1649E+03	0.6908E-01	0.1722E+03	0.2061E+00	-0.1340E+03
6.	0.5723E-01	0.1554E+03	0.4910E-01	0.1632E+03	0.1865E+00	-0.3442E+02
7.	0.5804E-01	0.1587E+03	0.3436E-01	-0.1633E+03	0.1899E+00	0.6262E+02
8.	0.5229E-01	0.1487E+03	0.1031E-01	0.5545E+02	0.1960E+00	0.1478E+03
9.	0.3772E-01	0.1636E+03	0.2958E-01	0.1345E+03	0.1693E+00	-0.1245E+03
10.	0.5553E-02	0.1187E+03	0.1085E-01	-0.1777E+03	0.1425E+00	-0.3094E+02
11.	0.1755E-01	0.1168E+03	0.9291E-02	0.5880E+02	0.1178E+00	0.5795E+02
12.	0.1337E-01	0.1031E+03	0.1461E-01	0.1113E+03	0.9512E-01	0.1408E+03
13.	0.1244E-01	-0.1676E+03	0.1541E-01	-0.1568E+03	0.7327E-01	-0.1323E+03
14.	0.7676E-02	0.1337E+03	0.8913E-02	0.1260E+02	0.5398E-01	-0.4594E+02
15.	0.6614E-02	0.1616E+03	0.8940E-02	0.1576E+03	0.3747E-01	0.2904E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1201E+02	0.0000E+00	0.1207E+02	0.0000E+00	0.1231E+02	0.0000E+00
1.	0.5399E+00	-0.9229E+02	0.3878E+00	-0.9199E+02	0.2597E+00	-0.9074E+02
2.	0.1059E+00	-0.3402E+02	0.7966E-01	-0.3956E+02	0.5428E-01	-0.4593E+02
3.	0.3679E-01	0.1630E+02	0.3220E-01	0.2921E+02	0.2497E-01	0.3498E+02
4.	0.5335E-01	0.2879E+02	0.3786E-01	0.3052E+02	0.2433E-01	0.1459E+02
5.	0.5474E-01	0.1257E+03	0.3504E-01	0.1312E+03	0.2590E-01	0.1216E+03
6.	0.3230E-01	-0.1794E+03	0.1944E-01	0.1710E+03	0.1688E-01	0.1650E+03
7.	0.1735E-01	-0.1210E+03	0.2188E-01	-0.1534E+03	0.9948E-02	-0.1690E+03
8.	0.1416E-01	0.5185E+02	0.1341E-01	0.6986E+02	0.7420E-02	0.8993E+02
9.	0.1765E-01	0.1427E+03	0.1037E-01	0.1593E+03	0.4834E-02	0.1511E+03
10.	0.4437E-02	0.1568E+03	0.5329E-02	0.1796E+03	0.4110E-02	0.1659E+03
11.	0.2769E-02	-0.7056E+02	0.2065E-02	-0.3964E+02	0.9649E-03	0.9970E+02
12.	0.1093E-01	0.3832E+02	0.8466E-02	0.2540E+02	0.5778E-02	0.2748E+02
13.	0.8904E-02	0.1117E+03	0.5105E-02	0.1399E+03	0.5210E-02	0.1118E+03
14.	0.6068E-02	0.1113E+03	0.4802E-02	0.9209E+02	0.4256E-02	0.1420E+03
15.	0.5850E-02	-0.1446E+03	0.5427E-02	-0.1145E+03	0.3762E-02	-0.1439E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1262E+02	0.0000E+00	0.1273E+02	0.0000E+00	0.1282E+02	0.0000E+00
1.	0.2062E+00	-0.8736E+02	0.1437E+00	-0.8194E+02	0.1060E+00	-0.8582E+02
2.	0.4509E-01	-0.4498E+02	0.3970E-01	-0.5290E+02	0.4005E-01	-0.7959E+02
3.	0.2114E-01	0.4355E+02	0.2234E-01	0.3873E+02	0.2057E-01	0.3379E+02
4.	0.1968E-01	0.1674E+02	0.1573E-01	0.2387E+01	0.1241E-01	-0.5367E-01
5.	0.2281E-01	0.1192E+03	0.1877E-01	0.1214E+03	0.1352E-01	0.1130E+03
6.	0.1059E-01	0.1639E+03	0.1057E-01	0.1433E+03	0.1037E-01	0.1298E+03
7.	0.7634E-02	-0.1725E+03	0.5540E-02	-0.1664E+03	0.8810E-02	-0.1716E+03
8.	0.5361E-02	0.1104E+03	0.6254E-02	0.8243E+02	0.4842E-02	0.7237E+02
9.	0.5655E-02	0.1541E+03	0.3966E-02	0.1603E+03	0.4473E-02	0.1715E+03
10.	0.8147E-03	0.7277E+02	0.3036E-02	0.1140E+03	0.1078E-02	0.7701E+02
11.	0.1152E-02	-0.1434E+03	0.2679E-02	0.1207E+03	0.4125E-02	0.7040E+02
12.	0.5426E-02	0.3227E+02	0.4942E-02	0.4212E+02	0.5227E-02	0.6220E+02
13.	0.4884E-02	0.1338E+03	0.3296E-02	0.1142E+03	0.2738E-02	0.1226E+03
14.	0.1955E-02	0.1144E+03	0.1590E-02	0.1033E+03	0.1001E-02	-0.1418E+02
15.	0.7949E-03	-0.1168E+03	0.4171E-02	-0.1326E+03	0.3625E-02	0.1776E+03



Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1272E+02	0.0000E+00	0.1351E+02	0.0000E+00
1.	0.7179E-01	-0.6974E+02	0.1509E+00	0.9259E+02
2.	0.2895E-01	-0.1093E+03	0.3886E-01	-0.1504E+03
3.	0.1489E-01	0.2636E+02	0.1373E-01	-0.1402E+02
4.	0.1141E-01	-0.1498E+02	0.5942E-02	-0.2464E+02
5.	0.7557E-02	0.1053E+03	0.4573E-02	0.1513E+03
6.	0.6121E-02	0.1210E+03	0.4863E-02	0.8440E+02
7.	0.3423E-02	0.1630E+03	0.7932E-02	-0.1701E+03
8.	0.3233E-02	0.7282E+02	0.2612E-02	0.3064E+02
9.	0.2436E-02	0.1090E+03	0.3045E-02	-0.1678E+03
10.	0.1586E-02	0.1107E+03	0.2042E-02	0.1375E+03
11.	0.1294E-02	0.1238E+03	0.4910E-02	0.1544E+03
12.	0.2255E-02	0.3334E+02	0.2622E-02	0.5943E+02
13.	0.1991E-02	0.1277E+03	0.2127E-02	-0.1152E+03
14.	0.1117E-02	0.1330E+02	0.2061E-02	0.2466E+02
15.	0.1425E-02	0.1558E+03	0.2491E-02	-0.1099E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1038E+02	0.0000E+00	0.8917E+01	0.0000E+00	0.9215E+01	0.0000E+00
1.	0.3469E+01	0.1135E+03	0.1292E+01	0.1398E+03	0.1325E+01	-0.1077E+03
2.	0.4510E+00	0.5564E+02	0.1131E+00	0.8581E+02	0.4563E+00	-0.7152E+01
3.	0.2673E+00	0.8884E+02	0.2261E+00	0.1254E+03	0.1287E+00	0.1103E+03
4.	0.1458E-01	0.1075E+03	0.6107E-01	0.9658E+02	0.1070E+00	-0.1953E+01
5.	0.1694E+00	-0.1685E+03	0.1046E+00	0.1734E+03	0.1323E+00	0.9516E+02
6.	0.1134E+00	0.1650E+03	0.5121E-01	0.1612E+03	0.8860E-01	0.1530E+03
7.	0.1019E+00	0.1353E+03	0.6155E-01	0.1488E+03	0.3504E-01	0.1543E+03
8.	0.6259E-01	0.1213E+03	0.4727E-01	0.1482E+03	0.5990E-01	0.1466E+03
9.	0.2552E-01	0.1503E+03	0.3503E-01	0.1657E+03	0.5814E-01	-0.1556E+03
10.	0.1026E-01	-0.5254E+02	0.5089E-02	0.1170E+03	0.1927E-01	-0.5332E+02
11.	0.8297E-02	-0.1180E+03	0.7828E-02	0.1025E+03	0.1915E-02	-0.9037E+02
12.	0.1442E-01	0.1365E+03	0.1001E-01	0.8145E+02	0.2145E-01	-0.2883E+02
13.	0.2426E-01	0.1671E+03	0.1128E-01	0.1631E+03	0.1381E-01	0.4605E+02
14.	0.1743E-01	0.1539E+03	0.7350E-02	0.1480E+03	0.1505E-01	0.1204E+03
15.	0.8695E-02	0.1585E+03	0.5938E-02	-0.1571E+03	0.3272E-02	-0.1325E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1024E+02	0.0000E+00	0.1091E+02	0.0000E+00	0.1078E+02	0.0000E+00
1.	0.1737E+01	-0.9698E+02	0.1745E+01	-0.9257E+02	0.1653E+01	-0.9129E+02
2.	0.8693E+00	-0.8694E+01	0.9001E+00	-0.3735E+01	0.8581E+00	-0.5638E+01
3.	0.4385E+00	0.8039E+02	0.5433E+00	0.8818E+02	0.5855E+00	0.8637E+02
4.	0.1315E+00	0.1462E+03	0.2765E+00	0.1699E+03	0.4133E+00	0.1724E+03
5.	0.7069E-01	0.1296E+03	0.1094E+00	-0.1162E+03	0.3042E+00	-0.9562E+02
6.	0.1180E+00	0.1692E+03	0.1269E-01	-0.1544E+03	0.2353E+00	0.4402E+01
7.	0.9141E-01	-0.1108E+03	0.7398E-01	-0.8622E+02	0.1560E+00	0.9944E+02
8.	0.4347E-01	-0.2960E+01	0.1071E+00	0.1578E+02	0.7395E-01	-0.1686E+03
9.	0.2314E-01	0.1565E+03	0.1210E+00	0.1134E+03	0.2320E-01	0.9628E+02
10.	0.3633E-01	-0.1309E+02	0.8435E-01	-0.1598E+03	0.8551E-01	0.1714E+03
11.	0.5234E-01	0.6998E+02	0.3375E-01	-0.4100E+02	0.1198E+00	-0.8297E+02
12.	0.2442E-01	0.1581E+03	0.2914E-01	0.1473E+03	0.1484E+00	0.1420E+02
13.	0.3524E-02	-0.8220E+01	0.6885E-01	-0.8795E+02	0.1302E+00	0.1117E+03
14.	0.3482E-01	0.1474E+03	0.7847E-01	0.1662E+02	0.1077E+00	-0.1527E+03
15.	0.4332E-01	-0.1233E+03	0.7049E-01	0.1197E+03	0.6729E-01	-0.5244E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1173E+02	0.0000E+00	0.1178E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.4601E+00	-0.8887E+02	0.2957E+00	-0.8656E+02	0.1950E+00	-0.8223E+02
2.	0.7565E-01	-0.5455E+02	0.5555E-01	-0.6943E+02	0.4515E-01	-0.7836E+02
3.	0.4891E-01	-0.5909E+02	0.3609E-01	-0.6844E+02	0.2792E-01	-0.7392E+02
4.	0.8443E-01	0.2654E+02	0.6391E-01	0.2002E+02	0.4627E-01	0.1317E+02
5.	0.7130E-01	0.1140E+03	0.5533E-01	0.1058E+03	0.4090E-01	0.9814E+02
6.	0.3026E-01	-0.1638E+03	0.2458E-01	0.1768E+03	0.2043E-01	0.1643E+03
7.	0.1220E-01	-0.5245E+02	0.1318E-01	-0.9019E+02	0.5254E-02	-0.4038E+02
8.	0.1420E-01	0.1093E+03	0.7431E-02	0.8190E+02	0.6817E-02	0.6398E+02
9.	0.2189E-01	0.1751E+03	0.1942E-01	0.1527E+03	0.1449E-01	0.1408E+03
10.	0.7812E-02	0.7136E+02	0.1100E-01	0.1184E+03	0.7837E-02	0.1346E+03
11.	0.7557E-02	0.9238E+02	0.2984E-02	0.1228E+03	0.3014E-02	0.1796E+03
12.	0.1237E-02	-0.8218E+01	0.6982E-02	0.2063E+00	0.4534E-02	-0.9821E+01
13.	0.4697E-02	-0.1012E+03	0.2284E-02	-0.9285E+02	0.5420E-03	-0.1457E+03
14.	0.3323E-02	0.4755E+02	0.3087E-02	0.1225E+03	0.2468E-02	0.1292E+03
15.	0.4199E-02	-0.1704E+03	0.4677E-02	-0.1513E+03	0.3618E-02	-0.1339E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1281E+02	0.0000E+00	0.1350E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.1292E+00	-0.7241E+02	0.8043E-01	-0.8015E+02	0.7262E-01	-0.6811E+02
2.	0.4183E-01	-0.8215E+02	0.3352E-01	-0.9538E+02	0.3157E-01	-0.9129E+02
3.	0.2076E-01	-0.7897E+02	0.1089E-01	-0.8213E+02	0.3701E-02	-0.4107E+02
4.	0.3518E-01	0.1021E+02	0.2688E-01	0.7598E+01	0.2104E-01	0.7071E+01
5.	0.3213E-01	0.9373E+02	0.2439E-01	0.9313E+02	0.1768E-01	0.8585E+02
6.	0.1417E-01	0.1553E+03	0.9434E-02	0.1474E+03	0.8320E-02	0.1309E+03
7.	0.4953E-02	0.1127E+01	0.1290E-02	-0.9851E+02	0.2785E-02	0.1751E+03
8.	0.4536E-02	0.8654E+02	0.3338E-02	0.1169E+03	0.3268E-02	0.1281E+03
9.	0.1288E-01	0.1418E+03	0.9963E-02	0.1462E+03	0.9733E-02	0.1438E+03
10.	0.7980E-02	0.1283E+03	0.5909E-02	0.1214E+03	0.5482E-02	0.1151E+03
11.	0.3193E-02	-0.1789E+03	0.9253E-03	0.1686E+03	0.1221E-02	0.1458E+03
12.	0.4506E-02	-0.1438E+02	0.3158E-02	-0.7773E+01	0.1475E-02	0.8619E+01
13.	0.9508E-03	-0.1663E+03	0.2203E-02	-0.1573E+03	0.1825E-02	0.1663E+03
14.	0.2781E-02	0.1797E+03	0.2066E-02	-0.1645E+03	0.2029E-02	0.8005E+02
15.	0.4400E-02	-0.1301E+03	0.3674E-02	-0.1464E+03	0.3287E-02	0.1713E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1331E+02	0.0000E+00
1.	0.8485E-01	0.4812E+02
2.	0.3008E-01	-0.1270E+03
3.	0.3999E-02	-0.3418E+02
4.	0.1372E-01	-0.8821E+01
5.	0.1225E-01	0.7743E+02
6.	0.3832E-02	0.1030E+03
7.	0.1063E-02	-0.1535E+03
8.	0.1958E-02	0.1296E+03
9.	0.5382E-02	0.1386E+03
10.	0.2333E-02	0.1168E+03
11.	0.7176E-03	-0.3539E+02
12.	0.3602E-02	-0.2031E+02
13.	0.3872E-03	-0.1317E+03
14.	0.1805E-02	0.6058E+02
15.	0.7114E-03	0.1742E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.8250E+01	0.0000E+00	0.9479E+01	0.0000E+00
1.	0.4199E+01	0.1127E+03	0.1810E+01	0.1673E+03	0.1136E+01	-0.1218E+03
2.	0.6124E+00	0.5139E+02	0.9530E-01	-0.5557E+01	0.3188E+00	-0.2647E+02
3.	0.2611E+00	0.7091E+02	0.3605E+00	0.1201E+03	0.5751E-01	0.8706E+02
4.	0.4388E-01	0.6096E+02	0.2202E+00	0.1360E+03	0.7959E-01	0.1297E+01
5.	0.1348E+00	-0.1546E+03	0.1699E+00	0.1555E+03	0.5945E-01	0.9879E+02
6.	0.8693E-01	-0.1685E+03	0.7540E-01	0.1170E+03	0.4942E-01	0.1125E+03
7.	0.8699E-01	0.1583E+03	0.8365E-01	0.1219E+03	0.5240E-01	0.1312E+03
8.	0.5959E-01	0.1392E+03	0.4388E-01	0.1458E+03	0.4278E-01	0.1312E+03
9.	0.4599E-01	0.1544E+03	0.3451E-01	-0.1743E+03	0.4644E-01	0.1683E+03
10.	0.7745E-02	0.3782E+02	0.1455E-02	-0.3381E+02	0.2375E-01	-0.1443E+03
11.	0.1920E-01	-0.1882E+02	0.8621E-02	-0.3265E+02	0.9914E-02	-0.9439E+02
12.	0.1168E-01	0.8561E+01	0.7095E-02	0.3259E+01	0.4948E-02	-0.1167E+03
13.	0.1524E-01	-0.1650E+03	0.5436E-02	-0.1321E+03	0.1791E-01	-0.8764E+02
14.	0.1944E-01	0.1627E+03	0.2143E-02	0.1487E+02	0.1458E-01	0.6635E+01
15.	0.7554E-02	0.1704E+03	0.9976E-02	-0.3497E+02	0.1713E-02	0.6767E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1009E+02	0.0000E+00	0.1055E+02	0.0000E+00	0.1204E+02	0.0000E+00
1.	0.2035E+01	-0.9821E+02	0.1883E+01	-0.9199E+02	0.4345E+00	-0.8106E+02
2.	0.7850E+00	-0.1262E+02	0.1082E+01	-0.8068E+01	0.1718E-01	-0.1354E+03
3.	0.2565E+00	0.7947E+02	0.8322E+00	0.7986E+02	0.7470E-01	-0.1018E+03
4.	0.5496E-01	0.9616E+01	0.6420E+00	0.1638E+03	0.9230E-01	-0.4054E+01
5.	0.1370E+00	0.8349E+02	0.5048E+00	-0.1106E+03	0.6192E-01	0.9667E+02
6.	0.1166E+00	0.1551E+03	0.3502E+00	-0.1982E+02	0.2451E-01	0.1657E+03
7.	0.4070E-01	-0.1208E+03	0.1924E+00	0.6904E+02	0.9680E-02	-0.1448E+03
8.	0.4015E-01	0.1080E+03	0.5320E-01	0.1400E+03	0.1957E-01	0.1230E+03
9.	0.6008E-01	-0.1568E+03	0.7815E-01	0.8111E+02	0.3102E-01	-0.1586E+03
10.	0.3126E-01	-0.3843E+02	0.1696E+00	0.1530E+03	0.1433E-01	-0.4845E+02
11.	0.1945E-01	0.1079E+03	0.1965E+00	-0.1200E+03	0.2127E-01	0.4646E+02
12.	0.2106E-01	-0.9476E+02	0.1960E+00	-0.2917E+02	0.1817E-01	0.9139E+02
13.	0.2194E-01	0.3724E+01	0.1517E+00	0.5917E+02	0.1447E-01	-0.1689E+03
14.	0.1449E-01	0.1312E+03	0.9855E-01	0.1466E+03	0.9196E-02	-0.7667E+02
15.	0.1842E-01	-0.5234E+02	0.4613E-01	-0.1232E+03	0.7187E-02	-0.4714E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1234E+02	0.0000E+00	0.1260E+02	0.0000E+00	0.1269E+02	0.0000E+00
1.	0.2739E+00	-0.6795E+02	0.2053E+00	-0.5122E+02	0.1656E+00	-0.4093E+02
2.	0.3922E-01	-0.1654E+03	0.1426E-01	-0.1350E+03	0.9637E-02	-0.8010E+02
3.	0.6780E-01	-0.1045E+03	0.2598E-01	-0.1165E+03	0.1718E-01	-0.1346E+03
4.	0.8239E-01	-0.7588E+01	0.4075E-01	-0.1361E+02	0.3078E-01	-0.1471E+02
5.	0.5673E-01	0.8385E+02	0.2820E-01	0.8075E+02	0.2048E-01	0.8309E+02
6.	0.3202E-01	0.1424E+03	0.1607E-01	0.1355E+03	0.1143E-01	0.1287E+03
7.	0.2768E-01	-0.1442E+03	0.8510E-02	-0.1405E+03	0.5256E-02	-0.1536E+03
8.	0.4534E-02	-0.5393E+02	0.1751E-02	0.2494E+02	0.1423E-02	0.4209E+02
9.	0.8210E-02	0.1619E+03	0.5071E-02	0.1282E+03	0.4358E-02	0.1287E+03
10.	0.9092E-02	0.1044E+03	0.6415E-02	0.9663E+02	0.6082E-02	0.1036E+03
11.	0.4825E-02	0.1147E+03	0.4085E-02	0.1569E+03	0.2445E-02	0.1399E+03
12.	0.8140E-02	0.3254E+02	0.2819E-02	-0.2076E+02	0.2962E-02	-0.3642E+01
13.	0.2896E-02	-0.1060E+03	0.2902E-03	0.8432E+02	0.6264E-03	0.1214E+03
14.	0.2109E-02	-0.4347E+02	0.2995E-02	0.5011E+02	0.2000E-02	0.8486E+02
15.	0.4278E-02	0.1709E+03	0.2799E-02	-0.1319E+03	0.3193E-02	-0.1472E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1288E+02	0.0000E+00	0.1347E+02	0.0000E+00
1.	0.1385E+00	-0.1574E+01	0.1810E+00	0.6865E+02
2.	0.5287E-02	-0.3831E+02	0.1687E-01	-0.1728E+03
3.	0.4385E-02	0.1793E+03	0.6973E-02	-0.1233E+03
4.	0.1312E-01	-0.1394E+02	0.8145E-02	-0.3678E+02
5.	0.1073E-01	0.9820E+02	0.2408E-02	0.1273E+03
6.	0.5401E-02	0.9881E+02	0.3828E-02	0.5220E+02
7.	0.5883E-02	-0.1485E+03	0.2807E-02	-0.1161E+03
8.	0.1790E-02	0.1547E+03	0.1199E-02	-0.1583E+03
9.	0.8092E-02	0.1594E+03	0.3960E-02	-0.1737E+03
10.	0.3659E-02	0.1109E+03	0.3053E-02	0.1168E+03
11.	0.1993E-02	0.1327E+03	0.1866E-02	0.1238E+03
12.	0.4429E-02	0.1795E+02	0.1865E-02	0.3261E+02
13.	0.1445E-02	-0.1279E+03	0.2316E-02	-0.1246E+03
14.	0.1961E-02	0.3746E+02	0.1406E-02	-0.4833E+02
15.	0.1854E-02	-0.1171E+03	0.1334E-02	-0.1159E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1099E+02	0.0000E+00	0.9038E+01	0.0000E+00	0.8961E+01	0.0000E+00
1.	0.3349E+01	0.1146E+03	0.1356E+01	0.1488E+03	0.1401E+01	-0.1165E+03
2.	0.3424E+00	0.6032E+02	0.6837E-01	0.6726E+02	0.2658E+00	-0.3106E+02
3.	0.2511E+00	0.8125E+02	0.1933E+00	0.1067E+03	0.5862E-01	-0.1654E+03
4.	0.6931E-01	0.8758E+02	0.7829E-01	0.1078E+03	0.1007E+00	-0.2124E+02
5.	0.1166E+00	-0.1751E+03	0.1285E+00	0.1655E+03	0.6123E-01	0.1147E+03
6.	0.6805E-01	0.1752E+03	0.5708E-01	0.1615E+03	0.1711E-01	0.1778E+03
7.	0.7050E-01	0.1399E+03	0.6275E-01	0.1277E+03	0.2627E-01	0.8470E+02
8.	0.5057E-01	0.1217E+03	0.4285E-01	0.1122E+03	0.2374E-01	0.1109E+03
9.	0.3493E-01	0.1413E+03	0.3140E-01	0.1462E+03	0.8193E-02	0.1726E+03
10.	0.3295E-02	-0.6372E+01	0.4693E-02	-0.1684E+03	0.9210E-02	0.3489E+02
11.	0.1168E-01	-0.3608E+02	0.7945E-02	-0.6898E+02	0.9210E-02	0.3720E+02
12.	0.1518E-01	0.1278E+02	0.1396E-01	0.1982E+02	0.1878E-01	0.4315E+02
13.	0.1108E-01	0.1503E+03	0.1082E-01	0.1095E+03	0.1339E-01	0.1033E+03
14.	0.1393E-01	0.1360E+03	0.8980E-02	0.9490E+02	0.1228E-01	0.1070E+03
15.	0.4500E-02	0.1524E+03	0.4272E-02	-0.1772E+03	0.1375E-01	0.1722E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1020E+02	0.0000E+00	0.1095E+02	0.0000E+00	0.1224E+02	0.0000E+00
1.	0.1924E+01	-0.1027E+03	0.1460E+01	-0.8832E+02	0.4075E+00	-0.7411E+02
2.	0.9680E+00	-0.2279E+02	0.7127E+00	-0.3518E+01	0.3336E-02	-0.4020E+02
3.	0.4749E+00	0.5654E+02	0.5243E+00	0.8917E+02	0.5878E-01	-0.1337E+03
4.	0.1432E+00	0.1073E+03	0.4017E+00	0.1715E+03	0.6768E-01	-0.1209E+02
5.	0.9363E-01	0.8915E+02	0.3392E+00	-0.1048E+03	0.4494E-01	0.6986E+02
6.	0.1669E+00	0.1253E+03	0.2861E+00	-0.1907E+02	0.1967E-01	0.1117E+03
7.	0.1502E+00	-0.1701E+03	0.2111E+00	0.6018E+02	0.1726E-01	-0.1724E+03
8.	0.7075E-01	-0.9910E+02	0.1554E+00	0.1307E+03	0.9606E-02	-0.1792E+03
9.	0.2615E-01	-0.1253E+03	0.1137E+00	-0.1699E+03	0.1046E-01	0.1759E+03
10.	0.6497E-01	-0.8424E+02	0.8415E-01	-0.1061E+03	0.5235E-02	0.5659E+02
11.	0.7828E-01	-0.1270E+02	0.8268E-01	-0.3313E+02	0.4885E-02	0.6021E+02
12.	0.6182E-01	0.5023E+02	0.8107E-01	0.4610E+02	0.7301E-02	0.4395E+02
13.	0.2028E-01	0.7703E+02	0.6505E-01	0.1416E+03	0.6949E-02	0.1762E+03
14.	0.4321E-01	0.6900E+02	0.4822E-01	-0.1231E+03	0.3004E-02	-0.1790E+03
15.	0.5715E-01	0.1446E+03	0.3576E-01	-0.2159E+02	0.5745E-02	-0.1135E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1242E+02	0.0000E+00	0.1283E+02	0.0000E+00	0.1289E+02	0.0000E+00
1.	0.1640E+00	-0.1895E+02	0.1710E+00	-0.8613E+01	0.1860E+00	0.1831E+01
2.	0.9696E-02	-0.9669E+02	0.8120E-02	-0.1026E+03	0.1077E-01	-0.1067E+03
3.	0.1856E-01	-0.1598E+03	0.1757E-01	-0.1563E+03	0.1887E-01	-0.1528E+03
4.	0.2531E-01	-0.2052E+02	0.2322E-01	-0.1316E+02	0.2000E-01	-0.2112E+02
5.	0.1404E-01	0.7619E+02	0.1564E-01	0.8729E+02	0.1368E-01	0.8241E+02
6.	0.1553E-01	0.1108E+03	0.6705E-02	0.1190E+03	0.4856E-02	0.9709E+02
7.	0.7929E-02	0.1720E+03	0.4282E-02	-0.1573E+03	0.2637E-02	-0.1562E+03
8.	0.2410E-02	-0.4109E+02	0.1890E-02	0.1669E+03	0.2309E-02	0.1609E+03
9.	0.5836E-02	0.1378E+03	0.6233E-02	0.1612E+03	0.5736E-02	0.1437E+03
10.	0.2330E-02	0.1442E+03	0.4084E-02	0.1090E+03	0.4296E-02	0.1080E+03
11.	0.3780E-02	0.9333E+02	0.1753E-02	0.9607E+02	0.1352E-02	0.1043E+03
12.	0.1772E-02	0.1205E+03	0.3655E-02	0.1609E+02	0.3723E-02	0.1437E+01
13.	0.3059E-02	-0.7651E+02	0.1011E-02	-0.1270E+03	0.1188E-02	-0.1467E+03
14.	0.4582E-02	0.6531E+02	0.8265E-03	0.8982E+02	0.3675E-03	0.5246E+02
15.	0.6218E-02	-0.1587E+03	0.2158E-02	-0.1661E+03	0.2557E-02	-0.1707E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1277E+02	0.0000E+00	0.1300E+02	0.0000E+00
1.	0.1778E+00	0.2412E+02	0.2628E+00	0.6620E+02
2.	0.4105E-02	-0.5927E+02	0.1713E-01	0.1389E+03
3.	0.1062E-01	-0.1350E+03	0.1415E-01	-0.9155E+02
4.	0.1388E-01	-0.3509E+02	0.7783E-02	-0.7062E+02
5.	0.1070E-01	0.8751E+02	0.4460E-02	0.9982E+02
6.	0.4990E-02	0.8241E+02	0.4758E-02	0.4633E+02
7.	0.2067E-02	-0.1503E+03	0.1529E-02	-0.9802E+02
8.	0.1924E-02	-0.1511E+03	0.3330E-02	-0.1461E+03
9.	0.4987E-02	0.1523E+03	0.4818E-02	0.1678E+03
10.	0.3269E-02	0.1091E+03	0.3648E-02	0.1157E+03
11.	0.1621E-02	0.9767E+02	0.2076E-02	0.9222E+02
12.	0.3783E-02	0.1089E+02	0.2328E-02	-0.1618E+01
13.	0.1006E-02	-0.1403E+03	0.2051E-02	-0.1208E+03
14.	0.7915E-04	-0.6164E+02	0.5495E-03	-0.2913E+02
15.	0.2331E-02	-0.1614E+03	0.1803E-02	-0.1637E+03

Table IV-5a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.9972E+01	0.0000E+00	0.9897E+01	0.0000E+00
1.	0.2810E+01	0.1194E+03	0.1294E+01	0.1625E+03	0.1880E+01	-0.1170E+03
2.	0.2171E+00	0.7438E+02	0.5528E-01	0.1582E+03	0.6701E+00	-0.4115E+02
3.	0.2132E+00	0.8613E+02	0.1529E+00	0.1281E+03	0.1464E+00	0.1838E+02
4.	0.7011E-01	0.1070E+03	0.5177E-01	0.1375E+03	0.1347E+00	0.7564E+01
5.	0.9039E-01	-0.1799E+03	0.9344E-01	0.1695E+03	0.9098E-01	0.7390E+02
6.	0.4682E-01	0.1761E+03	0.4455E-01	0.1684E+03	0.4124E-01	0.7741E+02
7.	0.4874E-01	0.1455E+03	0.4280E-01	0.1369E+03	0.7409E-01	0.7724E+02
8.	0.3375E-01	0.1274E+03	0.3148E-01	0.1196E+03	0.8838E-01	0.1192E+03
9.	0.3338E-01	0.1565E+03	0.2505E-01	0.1563E+03	0.5461E-01	0.1777E+03
10.	0.5527E-02	0.1377E+03	0.4558E-02	0.1618E+03	0.1874E-01	0.1537E+03
11.	0.8747E-02	-0.1369E+02	0.8125E-02	-0.3798E+02	0.4168E-01	-0.1702E+03
12.	0.1822E-01	0.9743E+01	0.1452E-01	0.2307E+02	0.3590E-01	-0.9971E+02
13.	0.2505E-02	0.1481E+03	0.3387E-02	0.1431E+03	0.1519E-01	-0.5365E+02
14.	0.1020E-01	0.1501E+03	0.6948E-02	0.1126E+03	0.9633E-02	-0.1201E+03
15.	0.9492E-02	0.1709E+03	0.6455E-02	0.1715E+03	0.2539E-01	-0.6904E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1047E+02	0.0000E+00	0.1133E+02	0.0000E+00	0.1152E+02	0.0000E+00
1.	0.1439E+01	-0.1036E+03	0.1049E+01	-0.9328E+02	0.7737E+00	-0.8677E+02
2.	0.7788E+00	-0.2459E+02	0.4339E+00	-0.8930E+01	0.2239E+00	-0.3503E+01
3.	0.4833E+00	0.5838E+02	0.2603E+00	0.9256E+02	0.1226E+00	0.1157E+03
4.	0.3037E+00	0.1198E+03	0.1429E+00	0.1698E+03	0.3871E-01	-0.1355E+03
5.	0.2139E+00	-0.1770E+03	0.1156E+00	-0.1168E+03	0.2698E-01	-0.5796E+02
6.	0.1340E+00	-0.1260E+03	0.8347E-01	-0.3393E+02	0.3305E-01	0.3161E+02
7.	0.1118E+00	-0.8409E+02	0.4945E-01	0.3895E+02	0.2851E-01	0.1143E+03
8.	0.1162E+00	-0.2413E+02	0.4500E-01	0.8167E+02	0.1237E-01	0.1352E+03
9.	0.1147E+00	0.3584E+02	0.4495E-01	0.1276E+03	0.1372E-01	0.1617E+03
10.	0.1110E+00	0.9324E+02	0.3629E-01	0.1769E+03	0.4343E-02	-0.1455E+03
11.	0.8980E-01	0.1611E+03	0.3803E-01	-0.1047E+03	0.6862E-02	-0.2538E+02
12.	0.6309E-01	-0.1323E+03	0.3773E-01	-0.2323E+02	0.1193E-01	0.5667E+02
13.	0.4214E-01	-0.7935E+02	0.2424E-01	0.6070E+02	0.1089E-01	-0.1749E+03
14.	0.2444E-01	-0.1108E+02	0.1859E-01	0.1350E+03	0.8148E-02	-0.3228E+02
15.	0.1275E-01	0.2031E+02	0.1243E-01	-0.1222E+03	0.7849E-02	0.5552E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1214E+02	0.0000E+00	0.1215E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.3761E+00	-0.5191E+02	0.2875E+00	-0.2675E+02	0.2851E+00	0.1341E+02
2.	0.6297E-01	0.1563E+00	0.4911E-01	-0.1211E+02	0.5917E-01	-0.3282E+02
3.	0.5451E-01	0.1539E+03	0.6133E-01	0.1567E+03	0.7228E-01	0.1706E+03
4.	0.2297E-01	0.7168E+01	0.2915E-01	0.2694E+02	0.3448E-01	0.5088E+02
5.	0.7976E-02	0.9497E+02	0.6666E-02	0.1606E+03	0.1217E-01	-0.3005E+02
6.	0.7955E-02	0.1186E+03	0.9405E-02	0.1380E+03	0.1825E-01	-0.1598E+03
7.	0.8956E-02	0.1704E+03	0.1309E-01	0.1782E+03	0.1541E-01	0.1472E+03
8.	0.3421E-02	0.1508E+03	0.5104E-02	0.1424E+03	0.2949E-02	0.1990E+02
9.	0.9718E-02	0.1775E+03	0.1213E-01	0.1686E+03	0.9281E-02	0.1746E+03
10.	0.4387E-02	0.1077E+03	0.6507E-02	0.9780E+02	0.6697E-02	0.1004E+03
11.	0.2500E-02	0.1649E+03	0.4692E-03	0.1501E+03	0.3928E-02	-0.1539E+02
12.	0.6510E-02	0.5569E+02	0.5688E-02	0.6143E+02	0.4252E-02	-0.4489E+02
13.	0.5378E-02	-0.1687E+03	0.5045E-02	-0.1786E+03	0.3796E-02	0.1671E+03
14.	0.1859E-02	0.7574E+02	0.1971E-02	0.3978E+02	0.3769E-02	0.7295E+02
15.	0.4260E-02	-0.1205E+03	0.3637E-02	-0.1176E+03	0.1116E-02	0.6877E+01



Table IV-5a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1251E+02	0.0000E+00	0.1254E+02	0.0000E+00	0.1243E+02	0.0000E+00
1.	0.4197E+00	0.3366E+02	0.7867E+00	0.4607E+02	0.1068E+01	0.4005E+02
2.	0.1639E+00	-0.4176E+02	0.4376E+00	-0.6312E+02	0.3060E+00	-0.1116E+03
3.	0.1441E+00	-0.1742E+03	0.3154E+00	0.1638E+03	0.8421E-01	0.2102E+01
4.	0.8471E-01	0.5686E+02	0.1850E+00	0.2324E+02	0.1544E+00	-0.1771E+03
5.	0.4978E-01	-0.5254E+02	0.7949E-01	-0.1044E+03	0.1065E+00	0.4790E+02
6.	0.3869E-01	-0.1838E+03	0.3400E-01	0.1378E+03	0.5803E-01	-0.7068E+02
7.	0.1949E-01	0.1147E+03	0.1035E-01	0.4383E+02	0.3208E-01	0.1730E+03
8.	0.1177E-01	-0.2077E+02	0.1912E-01	-0.5800E+02	0.8306E-02	0.7689E-01
9.	0.1322E-01	-0.1655E+03	0.1982E-01	0.1573E+03	0.2129E-01	0.1280E+03
10.	0.8795E-02	0.8915E+02	0.1473E-01	0.3485E+02	0.1924E-01	-0.1541E+02
11.	0.6398E-02	-0.1725E+02	0.7077E-02	-0.9140E+02	0.1017E-01	-0.1438E+03
12.	0.4861E-02	-0.4276E+02	0.2641E-02	0.4125E+02	0.2785E-02	0.1466E+03
13.	0.5163E-02	-0.1768E+03	0.6285E-02	0.1394E+03	0.8798E-02	0.1375E+03
14.	0.7139E-02	0.9186E+02	0.6073E-02	0.3058E+02	0.1317E-01	0.1680E+02
15.	0.3720E-02	-0.1147E+02	0.4795E-02	-0.7452E+02	0.1038E-01	-0.9693E+02

Table IV-5b. Harmonic pressure data for 129 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1412E+02	0.0000E+00	0.1367E+02	0.0000E+00	0.1340E+02	0.0000E+00
1.	0.9183E+00	0.9831E+02	0.3379E+00	0.1276E+03	0.1297E+00	-0.1693E+03
2.	0.1918E+00	-0.1197E+03	0.1606E+00	-0.6179E+02	0.1375E+00	-0.3724E+02
3.	0.3911E-01	0.9452E+02	0.2447E-01	0.1080E+03	0.1541E-01	0.1274E+03
4.	0.5176E-02	-0.1108E+03	0.2207E-01	-0.1649E+03	0.1868E-01	-0.1698E+03
5.	0.1519E-01	-0.1781E+03	0.2200E-01	-0.1498E+03	0.1747E-01	-0.1397E+03
6.	0.1346E-01	0.1693E+03	0.2527E-01	0.1517E+03	0.2038E-01	0.1444E+03
7.	0.1937E-01	-0.1690E+03	0.3013E-01	-0.1612E+03	0.2556E-01	-0.1539E+03
8.	0.1215E-01	-0.1794E+03	0.1527E-01	0.1652E+03	0.9688E-02	0.1723E+03
9.	0.2799E-01	-0.1770E+03	0.3450E-01	0.1786E+03	0.2427E-01	0.1787E+03
10.	0.2067E-01	-0.1612E+03	0.2476E-01	-0.1569E+03	0.1729E-01	-0.1556E+03
11.	0.2217E-01	-0.1579E+03	0.2343E-01	-0.1540E+03	0.1479E-01	-0.1463E+03
12.	0.2303E-01	-0.1392E+03	0.2585E-01	-0.1351E+03	0.1551E-01	-0.1348E+03
13.	0.1474E-01	-0.1244E+03	0.1767E-01	-0.1103E+03	0.1207E-01	-0.1017E+03
14.	0.1811E-01	-0.1245E+03	0.1896E-01	-0.1137E+03	0.1163E-01	-0.1076E+03
15.	0.2035E-01	-0.9675E+02	0.2384E-01	-0.8748E+02	0.1539E-01	-0.8340E+02

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1303E+02	0.0000E+00	0.1315E+02	0.0000E+00	0.1334E+02	0.0000E+00
1.	0.2140E+00	-0.1112E+03	0.7863E-01	-0.1417E+03	0.5050E-01	0.1496E+03
2.	0.1333E+00	-0.2662E+02	0.8999E-01	-0.3162E+02	0.4883E-01	-0.3729E+02
3.	0.8079E-02	0.1357E+03	0.1161E-01	-0.1593E+03	0.9225E-02	-0.1609E+03
4.	0.8958E-02	-0.1790E+03	0.2674E-02	0.1699E+03	0.2586E-03	0.1054E+03
5.	0.1327E-01	-0.1354E+03	0.1112E-01	-0.1515E+03	0.8671E-02	-0.1545E+03
6.	0.9688E-02	0.1329E+03	0.5642E-02	0.1146E+03	0.3340E-02	0.9096E+02
7.	0.1631E-01	-0.1588E+03	0.1327E-01	-0.1534E+03	0.7087E-02	-0.1425E+03
8.	0.4216E-02	-0.1629E+03	0.1695E-02	-0.1510E+03	0.9326E-03	-0.4673E+02
9.	0.1099E-01	0.1751E+03	0.4809E-02	0.1661E+03	0.3525E-02	0.1623E+03
10.	0.9312E-02	-0.1588E+03	0.4011E-02	0.1775E+03	0.2454E-02	0.1438E+03
11.	0.7366E-02	-0.1461E+03	0.3129E-02	-0.1593E+03	0.2709E-02	0.1765E+03
12.	0.6259E-02	-0.1452E+03	0.1192E-02	-0.1468E+03	0.1833E-02	0.1435E+03
13.	0.5278E-02	-0.1141E+03	0.1370E-02	-0.9491E+02	0.9913E-03	0.1799E+03
14.	0.4433E-02	-0.1123E+03	0.1621E-02	-0.1379E+03	0.1722E-02	-0.1662E+03
15.	0.4286E-02	-0.8620E+02	0.1563E-02	-0.6824E+02	0.1180E-02	-0.1358E+03

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1481E+02	0.0000E+00	0.1327E+02	0.0000E+00	0.1333E+02	0.0000E+00
1.	0.1207E+01	0.9529E+02	0.4931E+00	-0.8579E+02	0.4893E+00	-0.8755E+02
2.	0.4784E-01	-0.9499E+02	0.1987E+00	-0.8136E+01	0.1885E+00	-0.7424E+01
3.	0.6412E-01	-0.8545E+02	0.1187E+00	-0.4739E+02	0.7999E-01	-0.4360E+02
4.	0.5083E-01	0.3477E+02	0.4610E-01	0.3104E+02	0.3502E-01	0.3000E+02
5.	0.2282E-01	-0.1265E+03	0.3589E-01	-0.1003E+03	0.2522E-01	-0.1055E+03
6.	0.2243E-01	-0.4695E+02	0.4088E-01	-0.3287E+02	0.2815E-01	-0.3173E+02
7.	0.1167E-01	-0.1888E+02	0.2170E-01	-0.1226E+02	0.1702E-01	-0.1678E+02
8.	0.4119E-02	0.1774E+02	0.7364E-02	0.2536E+01	0.5491E-02	-0.1236E+02
9.	0.5593E-02	-0.1411E+03	0.1051E-01	-0.8438E+02	0.8238E-02	-0.9002E+02
10.	0.3629E-02	-0.4141E+02	0.1199E-01	-0.3020E+02	0.9113E-02	-0.2988E+02
11.	0.8136E-03	0.9673E+02	0.5806E-02	-0.2452E+02	0.4789E-02	-0.1387E+02
12.	0.2735E-02	0.1757E+03	0.1285E-02	-0.6301E+02	0.3549E-03	-0.1524E+03
13.	0.1822E-02	-0.1071E+03	0.4974E-02	-0.5668E+02	0.4423E-02	-0.5674E+02
14.	0.2308E-02	-0.1395E+03	0.3303E-02	-0.3639E+02	0.4301E-02	-0.4489E+02
15.	0.1751E-02	-0.1015E+03	0.3055E-02	-0.4872E+02	0.2713E-02	-0.5782E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1322E+02	0.0000E+00	0.1330E+02	0.0000E+00	0.1341E+02	0.0000E+00
1.	0.4956E+00	-0.8902E+02	0.2171E+00	-0.9597E+02	0.1416E+00	-0.1042E+03
2.	0.1618E+00	-0.5387E+01	0.8905E-01	-0.7193E+01	0.7079E-01	-0.7974E+01
3.	0.5729E-01	-0.4840E+02	0.2916E-01	-0.5559E+02	0.2235E-01	-0.6075E+02
4.	0.2773E-01	0.3687E+02	0.1782E-01	0.4086E+02	0.1423E-01	0.4403E+02
5.	0.1861E-01	-0.1074E+03	0.1186E-01	-0.1117E+03	0.1078E-01	-0.1188E+03
6.	0.1982E-01	-0.2829E+02	0.8358E-02	-0.2417E+01	0.6211E-02	-0.4934E+01
7.	0.1308E-01	-0.1671E+02	0.8447E-02	-0.4282E+02	0.7743E-02	-0.4827E+02
8.	0.4772E-02	0.1057E+02	0.4475E-02	-0.1333E+02	0.4498E-02	0.7640E+00
9.	0.5081E-02	-0.9011E+02	0.3706E-02	-0.1358E+03	0.3635E-02	-0.1513E+03
10.	0.6946E-02	-0.3321E+02	0.3679E-02	-0.4032E+02	0.2788E-02	-0.5112E+02
11.	0.3943E-02	-0.1886E+02	0.2474E-02	-0.2025E+02	0.2396E-02	-0.4476E+02
12.	0.8418E-03	0.2900E+02	0.1235E-02	0.1626E+03	0.1122E-02	0.1462E+03
13.	0.3287E-02	-0.4675E+02	0.9240E-03	-0.1583E+02	0.2027E-03	0.2518E+02
14.	0.3108E-02	-0.3633E+02	0.1915E-02	-0.5542E+02	0.1288E-02	-0.6924E+02
15.	0.1816E-02	-0.3847E+02	0.1625E-03	-0.6548E+02	0.9802E-03	-0.9209E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1356E+02	0.0000E+00	0.1350E+02	0.0000E+00
1.	0.8082E-01	-0.1206E+03	0.8994E-01	0.1248E+03
2.	0.4133E-01	-0.1528E+02	0.1373E-01	-0.4957E+02
3.	0.1532E-01	-0.6829E+02	0.7894E-02	-0.8213E+02
4.	0.9819E-02	0.4815E+02	0.8493E-02	0.4216E+02
5.	0.6906E-02	-0.1214E+03	0.5120E-02	-0.1490E+03
6.	0.4196E-02	0.2567E+02	0.3996E-02	0.8756E+02
7.	0.3531E-02	-0.6163E+02	0.6286E-02	-0.9364E+02
8.	0.2303E-02	-0.2929E+02	0.3929E-02	-0.3521E+02
9.	0.2296E-02	-0.1436E+03	0.3882E-02	-0.1709E+03
10.	0.1775E-02	-0.6848E+02	0.6626E-03	0.1314E+03
11.	0.1900E-02	-0.3933E+02	0.1933E-02	-0.6850E+02
12.	0.1012E-02	0.1343E+03	0.1878E-02	0.1640E+03
13.	0.1985E-03	-0.7494E+02	0.1173E-02	0.1134E+03
14.	0.1226E-02	-0.2185E+02	0.1751E-02	-0.1055E+03
15.	0.7579E-03	0.1171E+03	0.1579E-02	-0.1422E+03

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1412E+02	0.0000E+00	0.1395E+02	0.0000E+00	0.1295E+02	0.0000E+00
1.	0.5189E+00	-0.4979E+02	0.1007E+01	-0.7110E+02	0.1058E+01	-0.7765E+02
2.	0.1550E+00	0.4376E+02	0.2244E+00	0.2576E+02	0.2172E+00	0.1435E+02
3.	0.2299E+00	-0.6071E+02	0.1581E+00	-0.5327E+02	0.1196E+00	-0.5754E+02
4.	0.1026E+00	0.1648E+02	0.8843E-01	0.1735E+02	0.6173E-01	0.1768E+02
5.	0.1891E-01	0.5595E+01	0.1061E-01	-0.1487E+03	0.6213E-02	0.2676E+02
6.	0.2745E-01	-0.3560E+02	0.2185E-01	-0.1409E+02	0.1860E-01	-0.2674E+02
7.	0.3469E-01	-0.1548E+02	0.3888E-01	-0.4088E+02	0.3205E-01	-0.1658E+02
8.	0.2283E-01	0.1433E+02	0.3098E-01	-0.5663E+01	0.2113E-01	0.1485E+02
9.	0.5477E-02	0.9475E+02	0.1479E-01	0.1470E+03	0.6830E-02	0.1196E+03
10.	0.4377E-02	-0.6480E+02	0.6118E-02	-0.9740E+02	0.5541E-02	-0.7626E+02
11.	0.1342E-01	-0.3947E+02	0.1895E-01	-0.4949E+02	0.1426E-01	-0.4520E+02
12.	0.9482E-02	0.2264E+02	0.8284E-02	0.7560E+02	0.9408E-02	0.2228E+02
13.	0.4521E-02	0.5115E+02	0.8763E-02	0.3554E+02	0.5067E-02	0.2925E+02
14.	0.9175E-03	-0.1043E+02	0.6090E-02	-0.7902E+02	0.2322E-02	-0.3874E+02
15.	0.1694E-02	-0.1094E+02	0.5063E-02	0.2898E+02	0.4186E-02	-0.4282E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1323E+02	0.0000E+00	0.1326E+02	0.0000E+00	0.1340E+02	0.0000E+00
1.	0.5083E+00	-0.8414E+02	0.4165E+00	-0.8636E+02	0.2625E+00	-0.9247E+02
2.	0.1040E+00	0.7400E+01	0.8281E-01	0.6271E+01	0.5980E-01	0.2438E+01
3.	0.4712E-01	-0.5348E+02	0.3983E-01	-0.5516E+02	0.3387E-01	-0.6377E+02
4.	0.2231E-01	0.3097E+02	0.1939E-01	0.2821E+02	0.1605E-01	0.3218E+02
5.	0.4279E-02	-0.9318E+01	0.3937E-02	-0.5114E+02	0.3486E-02	-0.5012E+02
6.	0.7160E-02	-0.1314E+02	0.6862E-02	-0.8033E+01	0.3424E-02	-0.3480E+01
7.	0.1213E-01	-0.1361E+02	0.1108E-01	-0.2444E+02	0.9487E-02	-0.3134E+02
8.	0.9915E-02	0.2084E+02	0.8494E-02	0.1342E+02	0.7595E-02	0.3930E+01
9.	0.1510E-02	0.1318E+03	0.6848E-03	-0.1541E+03	0.2343E-02	-0.1731E+03
10.	0.2447E-02	-0.6835E+02	0.2053E-02	-0.5822E+02	0.1625E-02	-0.6066E+02
11.	0.6023E-02	-0.3725E+02	0.6449E-02	-0.4587E+02	0.4138E-02	-0.5832E+02
12.	0.4219E-02	0.1501E+02	0.3665E-02	0.2469E+01	0.2185E-02	0.5304E+01
13.	0.3180E-02	0.3358E+02	0.3590E-02	0.2702E+02	0.2792E-02	0.2685E+02
14.	0.5755E-03	0.1518E+02	0.6487E-03	0.9095E+01	0.9941E-03	0.1966E+02
15.	0.1906E-02	-0.4734E+02	0.1791E-02	-0.3850E+02	0.1134E-02	-0.6688E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1353E+02	0.0000E+00	0.1341E+02	0.0000E+00
1.	0.1446E+00	-0.1049E+03	0.5747E-01	0.1378E+03
2.	0.3497E-01	-0.2577E+01	0.9635E-02	-0.1314E+03
3.	0.2125E-01	-0.6948E+02	0.1067E-01	-0.8301E+02
4.	0.1011E-01	0.2779E+02	0.5641E-02	0.2344E+02
5.	0.5499E-02	-0.1045E+03	0.3649E-02	-0.1116E+03
6.	0.3796E-02	0.4196E+01	0.2241E-02	0.4323E+02
7.	0.7918E-02	-0.4809E+02	0.3997E-02	-0.6724E+02
8.	0.5853E-02	-0.8778E+01	0.3218E-02	-0.2447E+02
9.	0.2767E-02	-0.1391E+03	0.2160E-02	0.1739E+03
10.	0.7240E-03	-0.5171E+02	0.3917E-03	0.7540E+02
11.	0.3799E-02	-0.5467E+02	0.1284E-02	-0.8397E+02
12.	0.1036E-02	-0.1848E+01	0.9557E-03	0.1759E+03
13.	0.3155E-02	0.1265E+02	0.1159E-02	-0.5688E+01
14.	0.1152E-02	0.2048E+01	0.2463E-03	-0.5785E+02
15.	0.1533E-02	-0.1245E+03	0.2638E-03	-0.1735E+03

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1548E+02	0.0000E+00	0.1402E+02	0.0000E+00	0.1297E+02	0.0000E+00
1.	0.7240E+00	0.5155E+02	0.9088E+00	-0.5401E+02	0.1749E+01	-0.6982E+02
2.	0.3072E+00	0.9777E+02	0.1040E+00	0.9671E+02	0.2477E+00	0.5200E+02
3.	0.3265E+00	-0.6758E+02	0.2826E+00	-0.7099E+02	0.1794E+00	-0.7984E+02
4.	0.9138E-01	0.1228E+01	0.9440E-01	0.3156E+01	0.9531E-01	-0.7409E+00
5.	0.5332E-01	-0.9423E+01	0.4709E-01	0.1788E+02	0.3888E-01	0.5499E+02
6.	0.1076E-01	0.6500E+02	0.1475E-01	0.5259E+02	0.1274E-01	0.6091E+02
7.	0.8618E-02	-0.5345E+02	0.2209E-01	-0.3865E+02	0.2944E-01	-0.3755E+02
8.	0.1224E-01	-0.9755E+00	0.2352E-01	0.7708E+01	0.3124E-01	0.2825E+01
9.	0.9934E-02	0.6835E+02	0.8741E-02	0.8047E+02	0.9817E-02	0.9213E+02
10.	0.1004E-01	0.1276E+03	0.8408E-02	0.1361E+03	0.8543E-02	0.1302E+03
11.	0.5873E-02	-0.1091E+03	0.9229E-02	-0.9084E+02	0.8877E-02	-0.7931E+02
12.	0.4295E-02	-0.6571E+02	0.6619E-02	-0.2020E+02	0.7052E-02	-0.2665E+02
13.	0.4473E-02	0.7571E+01	0.6320E-02	0.3594E+02	0.1029E-01	0.3128E+02
14.	0.1300E-02	-0.3835E+02	0.2511E-02	-0.4198E+02	0.2706E-02	0.6328E+02
15.	0.4592E-03	0.1749E+02	0.2170E-02	0.1252E+02	0.1366E-02	-0.3648E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1258E+02	0.0000E+00	0.1282E+02	0.0000E+00	0.1300E+02	0.0000E+00
1.	0.1739E+01	-0.7453E+02	0.9574E+00	-0.8174E+02	0.5795E+00	-0.8526E+02
2.	0.2857E+00	0.3121E+02	0.1424E+00	0.1207E+02	0.6191E-01	0.8872E+01
3.	0.8486E-01	-0.8257E+02	0.3810E-01	-0.5224E+02	0.3735E-01	-0.6489E+02
4.	0.6164E-01	-0.5036E+01	0.1795E-01	0.3192E+02	0.1304E-01	0.3483E+02
5.	0.2942E-01	0.5172E+02	0.4569E-02	0.3909E+02	0.5961E-02	0.3859E+01
6.	0.1755E-01	0.8085E+02	0.8443E-02	0.4956E+02	0.6458E-02	0.3675E+02
7.	0.2884E-01	-0.5504E+02	0.1142E-01	-0.4079E+02	0.7575E-02	-0.4768E+02
8.	0.3127E-01	0.3517E+01	0.1352E-01	0.3165E+01	0.8382E-02	-0.3964E+01
9.	0.1131E-01	0.1115E+03	0.4535E-02	0.6725E+02	0.2289E-02	0.3910E+02
10.	0.1164E-01	0.1378E+03	0.4888E-02	0.1005E+03	0.4426E-02	0.8482E+02
11.	0.1109E-01	-0.8315E+02	0.4444E-02	-0.1025E+03	0.1729E-02	-0.1247E+03
12.	0.7021E-02	-0.3415E+02	0.2045E-02	-0.4792E+02	0.1110E-02	-0.8737E+02
13.	0.9288E-02	0.3862E+02	0.8431E-02	0.2852E+02	0.5414E-02	0.5534E+01
14.	0.2591E-02	0.1155E+03	0.3881E-02	0.8579E+02	0.2340E-02	0.8362E+02
15.	0.2420E-02	0.1728E+03	0.2862E-02	0.1482E+03	0.1674E-02	0.1534E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.65		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1295E+02	0.0000E+00	0.1317E+02	0.0000E+00	0.1340E+02	0.0000E+00
1.	0.4670E+00	-0.8907E+02	0.3761E+00	-0.9008E+02	0.2084E+00	-0.1033E+03
2.	0.4499E-01	0.3511E+01	0.3069E-01	0.2469E+01	0.1369E-01	0.1058E+02
3.	0.3477E-01	-0.7258E+02	0.3007E-01	-0.7299E+02	0.1879E-01	-0.9362E+02
4.	0.9737E-02	0.3076E+02	0.9284E-02	0.3921E+02	0.3844E-02	0.2868E+02
5.	0.5775E-02	-0.7481E+01	0.4505E-02	-0.2995E+02	0.5099E-02	-0.6149E+02
6.	0.5920E-02	0.3150E+02	0.5450E-02	0.2919E+02	0.3593E-02	0.3812E+02
7.	0.6720E-02	-0.4120E+02	0.6239E-02	-0.4813E+02	0.5773E-02	-0.7798E+02
8.	0.8090E-02	-0.4954E+01	0.7023E-02	-0.2572E+01	0.4427E-02	-0.1498E+02
9.	0.2256E-02	0.1546E+02	0.1189E-02	-0.3391E+01	0.6466E-03	-0.1383E+03
10.	0.3866E-02	0.7978E+02	0.3044E-02	0.8390E+02	0.1855E-02	0.6402E+02
11.	0.1914E-02	-0.1381E+03	0.1897E-02	-0.1328E+03	0.9964E-03	-0.1359E+03
12.	0.2332E-02	-0.9612E+02	0.1330E-02	-0.1131E+03	0.1917E-02	-0.1728E+03
13.	0.5025E-02	-0.9181E+01	0.3849E-02	-0.5792E+01	0.2140E-02	-0.1872E+02
14.	0.2227E-02	0.5779E+02	0.1653E-02	0.4190E+02	0.7827E-03	0.3082E+02
15.	0.2218E-02	0.9989E+02	0.1698E-02	0.1082E+03	0.2043E-02	0.1024E+03

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1340E+02	0.0000E+00
1.	0.4597E-01	0.1411E+03
2.	0.1656E-01	0.1777E+03
3.	0.9867E-02	-0.1099E+03
4.	0.1930E-02	0.4979E+02
5.	0.4283E-02	-0.1172E+03
6.	0.2436E-02	0.5174E+02
7.	0.2922E-02	-0.6955E+02
8.	0.2253E-02	-0.3169E+02
9.	0.1636E-02	0.1731E+03
10.	0.5839E-03	0.4913E+02
11.	0.1125E-02	-0.1356E+03
12.	0.1611E-02	0.1687E+03
13.	0.1057E-02	-0.4849E+02
14.	0.3836E-03	-0.9681E+02
15.	0.1197E-02	0.5462E+02

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.91		FRACTN RADIUS 0.91		FRACTN RADIUS 0.91	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1530E+02	0.0000E+00	0.1377E+02	0.0000E+00	0.1217E+02	0.0000E+00
1.	0.5886E+00	0.2208E+02	0.1414E+01	-0.5805E+02	0.2280E+01	-0.7038E+02
2.	0.2864E+00	0.1168E+03	0.2016E+00	0.1164E+03	0.3486E+00	0.5171E+02
3.	0.3244E+00	-0.6420E+02	0.3001E+00	-0.6727E+02	0.1722E+00	-0.9765E+02
4.	0.8220E-01	-0.6807E+01	0.8779E-01	0.1229E+01	0.1161E+00	-0.1522E+02
5.	0.6072E-01	0.4737E+00	0.5564E-01	0.1558E+02	0.7969E-01	0.5870E+02
6.	0.1785E-01	0.7456E+02	0.2914E-01	0.5191E+02	0.2181E-01	0.1387E+03
7.	0.1151E-01	-0.2383E+02	0.1954E-01	-0.2891E+02	0.4176E-01	-0.4487E+02
8.	0.1342E-01	0.1303E+02	0.2102E-01	0.5999E+01	0.3388E-01	0.2161E+02
9.	0.1085E-01	0.8961E+02	0.1250E-01	0.6918E+02	0.1725E-01	0.1047E+03
10.	0.1232E-01	0.1315E+03	0.1371E-01	0.1402E+03	0.1055E-01	0.1504E+03
11.	0.5185E-02	-0.1398E+03	0.6565E-02	-0.1168E+03	0.7375E-02	-0.9598E+02
12.	0.4210E-02	-0.1310E+03	0.3846E-02	-0.6661E+02	0.5509E-02	-0.3729E+02
13.	0.5845E-02	0.9238E+01	0.6671E-02	0.1284E+02	0.1186E-01	0.4179E+02
14.	0.4856E-02	-0.2642E+02	0.5134E-02	0.2106E+02	0.8277E-02	0.1105E+03
15.	0.5115E-03	-0.1396E+03	0.6492E-02	0.1134E+03	0.3120E-02	-0.1549E+03

HARMONIC	FRACTN RADIUS 0.91		FRACTN RADIUS 0.91		FRACTN RADIUS 0.91	
	FRACTN OF CHORD 0.15		FRACTN OF CHORD 0.20		FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1226E+02	0.0000E+00	0.1279E+02	0.0000E+00	0.1271E+02	0.0000E+00
1.	0.1799E+01	-0.7401E+02	0.1849E+01	-0.7772E+02	0.9618E+00	-0.8331E+02
2.	0.2681E+00	0.3581E+02	0.3846E+00	0.2176E+02	0.1099E+00	0.1135E+02
3.	0.8541E-01	-0.8991E+02	0.4313E-01	0.1277E+03	0.3478E-01	-0.4664E+02
4.	0.5645E-01	-0.8313E+01	0.4158E-01	-0.1089E+03	0.1323E-01	0.4849E+02
5.	0.3987E-01	0.5148E+02	0.5550E-01	-0.7379E+01	0.5513E-02	-0.8974E+00
6.	0.1169E-01	0.1023E+03	0.4943E-01	0.8308E+02	0.8143E-02	0.3531E+02
7.	0.2475E-01	-0.4573E+02	0.3348E-01	-0.1249E+03	0.1278E-01	-0.8544E+02
8.	0.2355E-01	0.9946E+01	0.4594E-01	-0.2928E+02	0.9972E-02	-0.1100E+02
9.	0.1235E-01	0.7494E+02	0.3883E-01	0.5821E+02	0.8210E-02	0.8782E+01
10.	0.1172E-01	0.1443E+03	0.3507E-01	0.1506E+03	0.5747E-02	0.6364E+02
11.	0.8650E-02	-0.9414E+02	0.3019E-01	-0.1018E+03	0.1824E-02	0.9048E+02
12.	0.5514E-02	-0.1245E+02	0.2086E-01	-0.4516E+01	0.2926E-02	-0.1378E+03
13.	0.1043E-01	0.5451E+02	0.2171E-01	0.8048E+02	0.5305E-02	0.1012E+02
14.	0.2742E-02	0.1098E+03	0.1301E-01	-0.1707E+03	0.3557E-02	0.6824E+02
15.	0.3201E-02	0.1585E+03	0.6077E-02	-0.3825E+02	0.4179E-02	0.1383E+03

HARMONIC	FRACTN RADIUS 0.91		FRACTN RADIUS 0.91		FRACTN RADIUS 0.91	
	FRACTN OF CHORD 0.40		FRACTN OF CHORD 0.45		FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1311E+02	0.0000E+00	0.1298E+02	0.0000E+00	0.1328E+02	0.0000E+00
1.	0.7626E+00	-0.8479E+02	0.5483E+00	-0.8658E+02	0.4383E+00	-0.8995E+02
2.	0.6666E-01	0.8036E+01	0.3443E-01	0.1792E+02	0.1723E-01	0.2072E+02
3.	0.3902E-01	-0.6003E+02	0.2845E-01	-0.6234E+02	0.2845E-01	-0.7199E+02
4.	0.1149E-01	0.4576E+02	0.7085E-02	0.5070E+02	0.4714E-02	0.6004E+02
5.	0.7469E-02	0.5662E+01	0.5965E-02	-0.3210E+02	0.6124E-02	-0.3279E+02
6.	0.6335E-02	0.2824E+02	0.6417E-02	0.2399E+02	0.6345E-02	0.6580E+01
7.	0.9202E-02	-0.7080E+02	0.1215E-01	-0.9076E+02	0.8446E-02	-0.7904E+02
8.	0.8253E-02	-0.1067E+02	0.7861E-02	-0.3003E+02	0.6255E-02	-0.2241E+02
9.	0.7092E-02	-0.2305E+01	0.6696E-02	-0.1629E+02	0.6427E-02	-0.1795E+02
10.	0.5213E-02	0.6791E+02	0.4557E-02	0.5707E+02	0.3420E-02	0.5357E+02
11.	0.6452E-03	0.8358E+02	0.1448E-02	0.5405E+02	0.7871E-03	0.6187E+02
12.	0.3289E-02	-0.1405E+03	0.3659E-02	-0.1636E+03	0.2576E-02	-0.1609E+03
13.	0.3442E-02	-0.4646E+00	0.2752E-02	0.2778E+01	0.2100E-02	-0.7250E+01
14.	0.2580E-02	0.5888E+02	0.1844E-02	0.4704E+02	0.1815E-02	0.4243E+02
15.	0.3508E-02	0.1225E+03	0.3168E-02	0.1199E+03	0.2866E-02	0.1074E+03

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1280E+02	0.0000E+00	0.1336E+02	0.0000E+00	0.1325E+02	0.0000E+00
1.	0.2997E+00	-0.9302E+02	0.2730E+00	-0.9506E+02	0.1544E+00	-0.1124E+03
2.	0.3844E-01	0.1633E+03	0.7466E-03	-0.1620E+03	0.1232E-01	0.1665E+03
3.	0.4765E-01	-0.9074E+02	0.2884E-01	-0.8834E+02	0.1984E-01	-0.9681E+02
4.	0.4177E-02	0.1006E+03	0.2998E-02	0.6493E+02	0.3398E-02	0.1199E+03
5.	0.1144E-01	-0.7462E+02	0.6243E-02	-0.1985E+02	0.5564E-02	-0.7237E+02
6.	0.1017E-01	0.2921E+00	0.5395E-02	-0.7215E+00	0.4226E-02	-0.6093E+01
7.	0.6157E-02	-0.5360E+02	0.6388E-02	-0.3711E+02	0.4817E-02	-0.7496E+02
8.	0.6599E-02	-0.1530E+02	0.4523E-02	-0.1631E+02	0.3838E-02	-0.1739E+02
9.	0.2287E-02	-0.3924E+02	0.2098E-02	-0.4878E+02	0.2878E-02	-0.6543E+02
10.	0.1887E-02	0.5344E+01	0.2706E-02	0.6478E+02	0.2111E-02	0.3943E+02
11.	0.1787E-02	0.2013E+02	0.3597E-03	0.6327E+02	0.1257E-03	-0.1628E+03
12.	0.1168E-02	0.1089E+03	0.2344E-02	-0.1369E+03	0.2565E-02	-0.1689E+03
13.	0.2126E-02	0.4191E+02	0.1910E-02	-0.3630E+02	0.2030E-02	-0.5314E+02
14.	0.5199E-03	0.1212E+03	0.9692E-03	0.1287E+02	0.6676E-03	0.2619E+02
15.	0.4839E-03	0.7557E+02	0.1497E-02	0.8821E+02	0.1288E-02	0.8215E+02



Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1479E+02	0.0000E+00	0.1251E+02	0.0000E+00	0.1226E+02	0.0000E+00
1.	0.6884E+00	-0.4605E+01	0.1961E+01	-0.6252E+02	0.1665E+01	-0.8216E+02
2.	0.3283E+00	0.1417E+03	0.2166E+00	0.1295E+03	0.2620E+00	0.9168E+01
3.	0.3633E+00	-0.6522E+02	0.3525E+00	-0.7360E+02	0.3716E-01	0.8242E+02
4.	0.8609E-01	-0.2983E+02	0.1139E+00	-0.9305E+01	0.5939E-01	-0.1459E+03
5.	0.8992E-01	-0.2372E+01	0.8194E-01	0.2082E+02	0.9219E-01	-0.3591E+02
6.	0.2660E-01	0.5282E+02	0.4064E-01	0.5244E+02	0.1142E+00	0.5739E+02
7.	0.1304E-01	-0.4128E+01	0.1827E-01	-0.4234E+01	0.9655E-01	0.1608E+03
8.	0.6531E-02	-0.4194E+01	0.1606E-01	0.2549E+01	0.1103E+00	-0.9659E+02
9.	0.1311E-01	0.2779E+02	0.1525E-01	0.4240E+02	0.1123E+00	-0.2218E+01
10.	0.1221E-01	0.1042E+03	0.1479E-01	0.1171E+03	0.1075E+00	0.9587E+02
11.	0.8498E-02	0.1576E+03	0.1056E-01	0.1783E+03	0.9172E-01	-0.1841E+03
12.	0.8585E-02	-0.1269E+03	0.1043E-01	-0.1082E+03	0.8045E-01	-0.6733E+02
13.	0.5103E-02	-0.4665E+02	0.7208E-02	-0.2299E+02	0.7265E-01	0.3292E+02
14.	0.5323E-02	-0.1804E+02	0.5569E-02	0.8219E+01	0.5524E-01	0.1325E+03
15.	0.1278E-02	0.8069E+02	0.7564E-03	0.9070E+02	0.4447E-01	-0.1303E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1302E+02	0.0000E+00	0.1286E+02	0.0000E+00	0.1329E+02	0.0000E+00
1.	0.6785E+00	-0.8506E+02	0.4464E+00	-0.9131E+02	0.1328E+00	-0.9970E+02
2.	0.3935E-01	0.4784E+02	0.2933E-01	0.1067E+03	0.4210E-01	0.1093E+03
3.	0.3494E-01	-0.7016E+02	0.2777E-01	-0.7235E+02	0.5078E-02	-0.1093E+03
4.	0.1264E-01	0.4746E+02	0.8013E-02	0.1005E+03	0.8189E-02	0.1523E+03
5.	0.2613E-02	-0.1175E+03	0.4404E-02	-0.7750E+02	0.9083E-02	-0.1151E+03
6.	0.7434E-02	0.3938E+02	0.4782E-02	0.2055E+02	0.2656E-02	-0.3965E+02
7.	0.1271E-01	-0.5876E+02	0.6581E-02	-0.6345E+02	0.7329E-02	-0.8627E+02
8.	0.7609E-02	-0.1283E+02	0.3447E-02	0.5239E+00	0.3336E-02	0.6921E+01
9.	0.3161E-02	-0.1346E+03	0.2820E-02	-0.6642E+02	0.2984E-02	-0.1380E+03
10.	0.2918E-02	0.8426E+02	0.1678E-02	0.3351E+02	0.4135E-03	0.9570E+01
11.	0.7641E-03	-0.9461E+02	0.1518E-03	0.5684E+02	0.8001E-03	-0.1118E+03
12.	0.5853E-02	0.1697E+03	0.3129E-02	-0.1687E+03	0.3334E-02	0.1428E+03
13.	0.3885E-02	-0.2623E+02	0.9766E-03	0.7548E+02	0.1054E-02	-0.2685E+02
14.	0.3386E-02	-0.2268E+02	0.5627E-03	0.1158E+03	0.1213E-02	-0.1091E+03
15.	0.2084E-02	0.1296E+03	0.2208E-02	0.1095E+03	0.1210E-02	0.7684E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1354E+02	0.0000E+00
1.	0.1946E+00	0.1007E+03
2.	0.4080E-01	0.1697E+03
3.	0.3078E-02	-0.3376E+01
4.	0.4845E-02	0.1757E+03
5.	0.8923E-02	-0.1213E+03
6.	0.4047E-02	-0.3519E+01
7.	0.3285E-02	-0.1512E+03
8.	0.8283E-03	-0.2148E+02
9.	0.1939E-02	-0.1173E+03
10.	0.1348E-02	-0.8820E+02
11.	0.6827E-03	-0.6871E+02
12.	0.2697E-02	0.1299E+03
13.	0.2401E-03	0.1667E+03
14.	0.5214E-03	-0.1241E+03
15.	0.6007E-03	0.4013E+02

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1514E+02	0.0000E+00	0.1313E+02	0.0000E+00	0.1165E+02	0.0000E+00
1.	0.5886E+00	0.1032E+02	0.1714E+01	-0.6572E+02	0.2519E+01	-0.7747E+02
2.	0.3195E+00	0.1515E+03	0.1988E+00	0.1481E+03	0.3248E+00	0.2467E+02
3.	0.3077E+00	-0.7103E+02	0.3188E+00	-0.7792E+02	0.1428E+00	-0.9596E+02
4.	0.8188E-01	-0.4480E+02	0.8855E-01	-0.2354E+02	0.1212E+00	-0.1368E+02
5.	0.8170E-01	-0.1274E+02	0.7171E-01	-0.2712E+01	0.8187E-01	0.6927E+02
6.	0.2846E-01	0.3723E+02	0.4183E-01	0.3442E+02	0.1603E-01	-0.1766E+03
7.	0.1490E-01	-0.3010E+02	0.1990E-01	-0.2945E+02	0.3718E-01	-0.3969E+02
8.	0.7848E-02	-0.3839E+02	0.1608E-01	-0.3082E+02	0.8916E-02	-0.4244E+02
9.	0.9296E-02	0.1380E+02	0.1233E-01	0.1621E+02	0.2104E-01	-0.2960E+02
10.	0.1060E-01	0.8493E+02	0.1151E-01	0.8016E+02	0.2802E-01	0.6795E+02
11.	0.8230E-02	0.1292E+03	0.9010E-02	0.1332E+03	0.2109E-01	0.1594E+03
12.	0.9316E-02	-0.1651E+03	0.1011E-01	-0.1565E+03	0.1340E-01	-0.1238E+03
13.	0.6392E-02	-0.6936E+02	0.5747E-02	-0.4173E+02	0.5166E-02	-0.5985E+01
14.	0.6537E-02	-0.4869E+02	0.5009E-02	-0.3327E+02	0.5695E-02	-0.5874E+02
15.	0.1866E-02	0.9805E+02	0.3195E-02	0.5505E+02	0.7837E-02	0.4036E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1177E+02	0.0000E+00	0.1143E+02	0.0000E+00	0.1217E+02	0.0000E+00
1.	0.1992E+01	-0.8223E+02	0.2198E+01	-0.8298E+02	0.1508E+01	-0.8397E+02
2.	0.3422E+00	0.9297E+01	0.4698E+00	0.8865E+01	0.2392E+00	0.1044E+02
3.	0.3365E-01	0.1152E+03	0.9070E-01	0.8649E+02	0.3924E-01	0.9419E+02
4.	0.6159E-01	-0.1185E+03	0.2229E-01	0.1599E+03	0.6314E-01	-0.1515E+03
5.	0.7969E-01	-0.1527E+02	0.2690E-01	0.1070E+03	0.8415E-01	-0.4316E+02
6.	0.6848E-01	0.7465E+02	0.4625E-01	-0.1389E+03	0.9885E-01	0.4723E+02
7.	0.4172E-01	-0.1407E+03	0.8678E-01	-0.4102E+02	0.8358E-01	0.1465E+03
8.	0.4828E-01	-0.4066E+02	0.6937E-01	0.4885E+02	0.9088E-01	-0.1125E+03
9.	0.3268E-01	0.6683E+02	0.3744E-01	0.1534E+03	0.9328E-01	-0.1740E+02
10.	0.1862E-01	0.1708E+03	0.1029E-01	-0.4940E+02	0.8552E-01	0.7878E+02
11.	0.8329E-02	-0.2762E+02	0.2589E-01	0.1254E+03	0.7208E-01	0.1766E+03
12.	0.1657E-01	0.1582E+03	0.4372E-01	-0.1295E+03	0.6100E-01	-0.8603E+02
13.	0.2329E-01	-0.7163E+02	0.4488E-01	-0.2385E+02	0.5188E-01	0.1514E+02
14.	0.3188E-01	0.2833E+02	0.3416E-01	0.6963E+02	0.3992E-01	0.1112E+03
15.	0.3739E-01	0.1367E+03	0.1725E-01	0.1641E+03	0.3157E-01	-0.1532E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1243E+02	0.0000E+00	0.1266E+02	0.0000E+00	0.1299E+02	0.0000E+00
1.	0.8441E+00	-0.8439E+02	0.5974E+00	-0.8708E+02	0.4877E+00	-0.8685E+02
2.	0.5956E-01	0.4843E+02	0.4895E-01	0.7867E+02	0.5892E-01	0.9489E+02
3.	0.4527E-01	-0.7298E+02	0.3719E-01	-0.7794E+02	0.3356E-01	-0.7911E+02
4.	0.1347E-01	0.4543E+02	0.8604E-02	0.6249E+02	0.8208E-02	0.8760E+02
5.	0.4245E-02	0.8432E+02	0.1255E-02	-0.1264E+03	0.3228E-02	-0.1022E+03
6.	0.3537E-02	0.1455E+02	0.4911E-02	-0.1041E+01	0.4338E-02	-0.1475E+01
7.	0.8556E-02	-0.4712E+02	0.6393E-02	-0.6177E+02	0.7975E-02	-0.7107E+02
8.	0.4965E-02	-0.3744E+01	0.3630E-02	-0.1333E+02	0.3349E-02	-0.2956E+02
9.	0.2339E-02	-0.1825E+02	0.2815E-02	-0.4869E+02	0.1668E-02	-0.8267E+02
10.	0.2248E-02	0.3086E+02	0.2387E-02	0.2556E+02	0.1088E-02	0.2758E+02
11.	0.2355E-02	0.5183E+02	0.1655E-02	0.2331E+02	0.1375E-02	0.1033E+02
12.	0.3386E-02	-0.1765E+03	0.2648E-02	0.1557E+03	0.2951E-02	0.1579E+03
13.	0.1942E-02	-0.2139E+02	0.9402E-03	-0.2076E+02	0.5329E-03	0.3517E+02
14.	0.1485E-02	0.1848E+02	0.1345E-02	-0.3444E+02	0.1571E-02	-0.5825E+02
15.	0.2583E-02	0.1148E+03	0.2034E-02	0.7699E+02	0.1287E-02	0.1254E+03

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1304E+02	0.0000E+00	0.1303E+02	0.0000E+00	0.1317E+02	0.0000E+00
1.	0.6578E-01	-0.1018E+03	0.2151E+00	-0.8799E+02	0.1044E+00	-0.9571E+02
2.	0.4577E-01	0.1549E+03	0.6635E-01	0.1038E+03	0.5974E-01	0.1033E+03
3.	0.2217E-01	0.4562E+02	0.1717E-01	-0.7255E+02	0.9197E-02	-0.6340E+02
4.	0.6237E-02	-0.1096E+03	0.1117E-01	0.1323E+03	0.1243E-01	0.1383E+03
5.	0.8760E-02	0.7278E+02	0.6124E-02	-0.1189E+03	0.8792E-02	-0.1247E+03
6.	0.8070E-02	-0.4157E+02	0.3166E-02	-0.4355E+02	0.3501E-02	-0.5154E+02
7.	0.3100E-02	-0.1548E+03	0.4385E-02	-0.6542E+02	0.4434E-02	-0.7324E+02
8.	0.1728E-02	-0.4378E+02	0.1194E-02	0.4255E+02	0.2209E-03	-0.5897E+02
9.	0.3184E-02	-0.1625E+03	0.2224E-02	-0.8158E+02	0.2475E-02	-0.1057E+03
10.	0.1982E-02	0.7979E+02	0.9473E-03	-0.1795E+02	0.5384E-03	-0.5943E+02
11.	0.9677E-03	-0.1069E+03	0.2880E-03	-0.9269E+00	0.9334E-03	-0.3648E+02
12.	0.1658E-02	0.1095E+03	0.2014E-02	-0.1796E+03	0.2372E-02	0.1777E+03
13.	0.1298E-02	0.3963E+01	0.6259E-03	0.8790E+01	0.3869E-03	0.2032E+02
14.	0.4280E-03	-0.6563E+02	0.6251E-03	-0.7223E+02	0.7178E-03	-0.7828E+02
15.	0.6157E-03	-0.8763E+02	0.1097E-02	0.8424E+02	0.8819E-03	0.8437E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1312E+02	0.0000E+00
1.	0.1551E+00	0.8692E+02
2.	0.4811E-01	0.1500E+03
3.	0.1498E-01	0.1627E+03
4.	0.1043E-01	0.1337E+03
5.	0.9933E-02	-0.1407E+03
6.	0.2465E-02	-0.1663E+02
7.	0.1327E-02	-0.6726E+02
8.	0.1169E-02	0.3714E+02
9.	0.1447E-02	-0.1334E+03
10.	0.1549E-02	-0.5790E+02
11.	0.1409E-02	-0.3750E+02
12.	0.1020E-02	0.1330E+03
13.	0.1286E-02	-0.7921E+02
14.	0.1145E-02	-0.1746E+03
15.	0.7536E-03	-0.4788E+02

Table IV-5b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1506E+02	0.0000E+00	0.1276E+02	0.0000E+00	0.1189E+02	0.0000E+00
1.	0.3626E+00	-0.9198E+01	0.1635E+01	-0.7601E+02	0.1448E+01	-0.9104E+02
2.	0.3091E+00	0.1731E+03	0.1573E+00	-0.1788E+03	0.1343E+00	-0.2336E+01
3.	0.2651E+00	-0.7632E+02	0.2739E+00	-0.7865E+02	0.3697E-01	-0.5409E+02
4.	0.9443E-01	-0.4832E+02	0.9557E-01	-0.2862E+02	0.1497E-01	-0.6288E+02
5.	0.7985E-01	-0.8149E+01	0.7498E-01	0.2536E+01	0.2758E-01	-0.1334E+02
6.	0.3602E-01	0.3204E+02	0.4662E-01	0.3455E+02	0.3858E-01	0.5113E+02
7.	0.1859E-01	-0.2721E+02	0.2464E-01	-0.3485E+01	0.1127E-01	0.1349E+03
8.	0.1197E-01	-0.5049E+02	0.1178E-01	-0.1830E+02	0.1808E-01	-0.1118E+03
9.	0.8251E-02	-0.1138E+02	0.8674E-02	0.1443E+02	0.1368E-01	-0.4524E+02
10.	0.9585E-02	0.7124E+02	0.1150E-01	0.9683E+02	0.1026E-01	0.8317E+02
11.	0.7290E-02	0.1256E+03	0.6076E-02	0.1530E+03	0.5663E-02	-0.1651E+03
12.	0.1141E-01	-0.1632E+03	0.2480E-02	-0.1651E+03	0.3216E-02	-0.7714E+02
13.	0.4730E-02	-0.8820E+02	0.5213E-02	-0.4556E+02	0.1270E-01	0.5564E+02
14.	0.9520E-02	-0.4864E+02	0.5999E-02	-0.1972E+02	0.9963E-02	0.1477E+03
15.	0.3180E-02	0.6073E+02	0.1884E-02	0.7043E+02	0.1032E-01	-0.1373E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1166E+02	0.0000E+00	0.1130E+02	0.0000E+00	0.1290E+02	0.0000E+00
1.	0.1544E+01	-0.8965E+02	0.1069E+01	-0.8824E+02	0.4317E+00	-0.7725E+02
2.	0.2974E+00	0.1081E+02	0.1065E+00	0.3477E+02	0.1347E+00	0.8917E+02
3.	0.7992E-01	0.8604E+02	0.3159E-01	-0.6004E+02	0.3856E-01	-0.5625E+02
4.	0.4395E-01	0.1772E+03	0.1208E-01	0.4338E+02	0.8463E-02	0.1208E+03
5.	0.1724E-01	-0.1053E+03	0.1223E-01	0.8129E+02	0.4915E-02	-0.1603E+03
6.	0.8290E-02	-0.1463E+02	0.4775E-02	0.1122E+03	0.7040E-03	-0.1341E+03
7.	0.2361E-01	-0.4049E+02	0.7560E-02	-0.7551E+02	0.5219E-02	-0.7445E+02
8.	0.2050E-01	0.3258E+02	0.6882E-02	-0.5375E+02	0.4936E-03	-0.8293E+02
9.	0.1680E-01	0.1356E+03	0.8245E-02	0.8493E+01	0.1779E-02	-0.1004E+03
10.	0.1034E-01	-0.1628E+03	0.9042E-02	0.9070E+02	0.1247E-02	0.7415E+02
11.	0.9407E-02	-0.8666E+02	0.5203E-02	0.1679E+03	0.5903E-03	-0.5830E+02
12.	0.4760E-02	-0.1897E+02	0.5130E-02	-0.1171E+03	0.1752E-02	0.1546E+03
13.	0.1134E-01	0.4590E+02	0.4657E-02	-0.6675E+00	0.5734E-03	0.6872E+02
14.	0.9059E-02	0.1211E+03	0.3257E-02	0.6519E+02	0.1507E-02	-0.5824E+02
15.	0.8973E-02	0.1795E+03	0.4390E-02	0.1535E+03	0.9184E-03	0.9869E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1286E+02	0.0000E+00	0.1287E+02	0.0000E+00	0.1308E+02	0.0000E+00
1.	0.3660E+00	-0.7101E+02	0.2678E+00	-0.6791E+02	0.2205E+00	-0.6343E+02
2.	0.1504E+00	0.9004E+02	0.1395E+00	0.8729E+02	0.1493E+00	0.8543E+02
3.	0.4603E-01	-0.4711E+02	0.4517E-01	-0.4050E+02	0.4099E-01	-0.3079E+02
4.	0.9807E-02	0.1256E+03	0.1240E-01	0.1254E+03	0.1840E-01	0.1232E+03
5.	0.5899E-02	-0.1528E+03	0.5723E-02	-0.1711E+03	0.1092E-01	-0.1778E+03
6.	0.8620E-03	-0.1022E+03	0.7167E-03	0.1230E+03	0.1732E-02	0.1252E+03
7.	0.5344E-02	-0.6477E+02	0.3823E-02	-0.5344E+02	0.1884E-02	-0.7604E+02
8.	0.8960E-03	-0.6786E+02	0.1666E-02	0.5668E+02	0.2231E-02	0.7039E+02
9.	0.1947E-02	-0.8637E+02	0.1764E-02	-0.7909E+02	0.2457E-02	-0.9515E+02
10.	0.6218E-03	0.2122E+02	0.7694E-03	0.2868E+01	0.3488E-03	-0.4572E+02
11.	0.5766E-03	0.2624E+02	0.5653E-03	0.1219E+03	0.1058E-02	0.1794E+03
12.	0.1964E-02	-0.1738E+03	0.1723E-02	0.1531E+03	0.2483E-02	0.1383E+03
13.	0.1982E-02	0.3789E+02	0.7251E-03	0.6324E+02	0.6265E-03	0.7274E+02
14.	0.1321E-02	-0.1150E+03	0.5847E-03	-0.5694E+02	0.8427E-03	-0.9080E+02
15.	0.2987E-03	0.1296E+03	0.1056E-02	0.1588E+03	0.6089E-03	-0.1695E+03

Table IV-5b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1325E+02	0.0000E+00	0.1338E+02	0.0000E+00	0.1325E+02	0.0000E+00
1.	0.1883E+00	-0.5801E+02	0.9699E-01	-0.4640E+02	0.2148E+00	0.4050E+02
2.	0.1509E+00	0.8431E+02	0.1516E+00	0.8288E+02	0.1661E+00	0.1309E+03
3.	0.3479E-01	-0.2822E+02	0.1345E-01	-0.5907E+01	0.1090E+00	-0.2555E+02
4.	0.2013E-01	0.1296E+03	0.1664E-01	0.1521E+03	0.9031E-01	0.1478E+03
5.	0.1662E-01	0.1783E+03	0.2803E-01	-0.1709E+03	0.6688E-01	-0.6552E+02
6.	0.1821E-02	0.1425E+03	0.6998E-02	-0.1152E+03	0.3155E-01	0.1117E+03
7.	0.6360E-03	-0.5627E+02	0.3645E-02	-0.1709E+03	0.2537E-01	-0.6963E+02
8.	0.3462E-02	0.8826E+02	0.3826E-02	0.1196E+03	0.1382E-01	0.8609E+02
9.	0.1923E-02	-0.1289E+03	0.3185E-02	-0.1424E+03	0.7203E-02	-0.1132E+03
10.	0.9946E-03	-0.1580E+03	0.2985E-02	-0.8864E+02	0.2309E-02	-0.2075E+01
11.	0.1581E-02	-0.1611E+03	0.1817E-02	-0.1093E+03	0.2535E-02	0.9675E+02
12.	0.2121E-02	0.1579E+03	0.2238E-02	0.1733E+03	0.2141E-02	-0.1725E+03
13.	0.1634E-02	-0.8143E+01	0.2794E-02	0.1004E+02	0.2693E-02	0.1122E+03
14.	0.8992E-03	-0.9430E+02	0.4935E-03	0.1513E+03	0.2075E-02	-0.6315E+02
15.	0.6619E-03	-0.1674E+03	0.1036E-02	0.1582E+03	0.2453E-02	0.1253E+03

Table IV-6a. Harmonic pressure data for 116 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.1164E+02	0.0000E+00	0.1207E+02	0.0000E+00
1.	0.1337E+01	-0.4670E+02	0.1160E+01	-0.6468E+02	0.8751E+00	-0.6907E+02
2.	0.4054E+00	0.1190E+03	0.2037E+00	0.8763E+02	0.1355E+00	0.6535E+02
3.	0.5398E-01	0.4702E+02	0.3553E-01	0.5833E+02	0.1890E-01	0.7372E+02
4.	0.1879E+00	0.4716E+02	0.8826E-01	0.4743E+02	0.4025E-01	0.5479E+02
5.	0.3401E-01	0.5853E+02	0.2124E-01	0.4722E+02	0.1052E-01	0.5683E+02
6.	0.1459E+00	-0.4029E+01	0.7378E-01	-0.1545E+01	0.3194E-01	0.7897E+01
7.	0.7305E-01	0.1686E+02	0.3531E-01	0.1651E+02	0.1397E-01	0.1663E+02
8.	0.9581E-01	-0.1816E+02	0.4878E-01	-0.9929E+01	0.2332E-01	-0.2519E+00
9.	0.8439E-01	-0.8890E+01	0.3585E-01	-0.1124E+02	0.1776E-01	0.4527E+00
10.	0.3445E-01	0.2950E+02	0.2266E-01	0.1589E+02	0.1279E-01	0.4206E+02
11.	0.3298E-01	0.1277E+02	0.1410E-01	0.2445E+02	0.1093E-01	0.3716E+02
12.	0.8055E-02	0.1062E+03	0.4856E-02	0.6550E+02	0.3927E-02	0.1441E+03
13.	0.8557E-02	-0.2039E+02	0.4248E-02	-0.8329E+01	0.6257E-02	0.1697E+01
14.	0.1368E-01	0.1656E+03	0.6387E-02	0.1440E+03	0.2773E-02	0.1787E+03
15.	0.6979E-02	-0.1268E+03	0.2826E-02	-0.1258E+03	0.1697E-02	-0.5154E+02

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1259E+02	0.0000E+00	0.1290E+02	0.0000E+00
1.	0.4975E+00	-0.7685E+02	0.2203E+00	-0.7967E+02
2.	0.7676E-01	0.4059E+02	0.3653E-01	0.5658E+02
3.	0.9119E-02	0.6119E+02	0.1055E-01	0.3652E+02
4.	0.1049E-01	0.4949E+02	0.4457E-02	0.2473E+02
5.	0.1770E-02	0.5954E+02	0.3695E-02	0.1760E+02
6.	0.9733E-02	0.1103E+02	0.2100E-02	-0.4605E+02
7.	0.6791E-02	-0.3285E+02	0.5305E-02	-0.1787E+02
8.	0.8232E-02	0.4607E+01	0.1911E-02	-0.1277E+02
9.	0.7246E-02	-0.4487E+02	0.3928E-02	-0.5254E+02
10.	0.8098E-02	0.4221E+02	0.3506E-02	-0.2376E+02
11.	0.4499E-02	0.2580E+02	0.1731E-02	-0.2638E+02
12.	0.2233E-02	0.7969E+02	0.1590E-02	-0.3201E+02
13.	0.1556E-02	0.3447E+02	0.2089E-02	0.5778E+02
14.	0.8586E-03	0.1491E+03	0.1379E-02	0.9534E+02
15.	0.4106E-03	-0.6839E+02	0.1977E-02	0.7606E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1050E+02	0.0000E+00	0.1062E+02	0.0000E+00	0.1106E+02	0.0000E+00
1.	0.8456E-01	0.1709E+01	0.1022E+01	-0.8094E+02	0.1032E+01	-0.8264E+02
2.	0.1473E+00	0.1292E+03	0.2378E+00	0.3979E+02	0.1987E+00	0.2192E+02
3.	0.3280E+00	0.1499E+03	0.2505E+00	0.1432E+03	0.1527E+00	0.1288E+03
4.	0.9584E-01	-0.1477E+03	0.7235E-01	-0.1417E+03	0.4551E-01	-0.1683E+03
5.	0.9716E-01	0.1052E+03	0.6874E-01	0.7779E+02	0.3434E-01	0.7218E+02
6.	0.1563E+00	0.1557E+03	0.1067E+00	0.1456E+03	0.6231E-01	0.1329E+03
7.	0.7863E-01	-0.1706E+03	0.6405E-01	-0.1509E+03	0.2732E-01	-0.1733E+03
8.	0.1280E-01	0.1194E+03	0.6597E-02	0.2724E+02	0.2336E-02	-0.1577E+03
9.	0.3767E-01	0.1268E+03	0.2249E-01	0.1439E+03	0.1205E-01	0.1434E+03
10.	0.2879E-01	0.1769E+03	0.1834E-01	0.1657E+03	0.9436E-02	0.9526E+02
11.	0.8998E-02	0.1633E+03	0.1503E-01	0.1406E+03	0.5295E-02	0.1013E+03
12.	0.8090E-02	0.1007E+03	0.5599E-02	0.6647E+02	0.3955E-02	-0.9290E+02
13.	0.1253E-01	0.1433E+03	0.1062E-01	0.1618E+03	0.1767E-02	0.3061E+02
14.	0.1100E-01	0.1371E+03	0.1839E-01	0.1676E+03	0.6559E-02	-0.1778E+03
15.	0.1393E-01	0.1669E+03	0.1436E-01	-0.1527E+03	0.2079E-03	-0.1442E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1157E+02	0.0000E+00	0.1203E+02	0.0000E+00	0.1225E+02	0.0000E+00
1.	0.9209E+00	-0.8356E+02	0.6656E+00	-0.8427E+02	0.4970E+00	-0.8570E+02
2.	0.1573E+00	0.1780E+02	0.1139E+00	0.1130E+02	0.6236E-01	0.1894E+02
3.	0.9297E-01	0.1227E+03	0.5277E-01	0.1191E+03	0.3410E-01	0.1110E+03
4.	0.2514E-01	-0.1733E+03	0.1767E-01	0.1668E+03	0.1965E-01	0.1663E+03
5.	0.1686E-01	0.7254E+02	0.5471E-02	0.4682E+02	0.8046E-02	0.4075E+02
6.	0.3713E-01	0.1303E+03	0.2534E-01	0.1253E+03	0.1445E-01	0.1237E+03
7.	0.1625E-01	0.1752E+03	0.7609E-02	-0.1531E+03	0.2298E-02	0.1444E+03
8.	0.4869E-02	0.1256E+03	0.6976E-02	0.1736E+03	0.2136E-02	-0.1686E+03
9.	0.6471E-02	0.1322E+03	0.2474E-02	-0.1244E+03	0.1356E-02	-0.1502E+03
10.	0.5789E-02	0.1085E+03	0.6223E-02	0.1313E+03	0.3691E-02	0.1362E+03
11.	0.2909E-02	0.9680E+02	0.1295E-02	0.5583E+02	0.2688E-03	-0.1752E+03
12.	0.2461E-02	-0.6587E+02	0.1834E-02	-0.1333E+03	0.2909E-02	-0.1205E+03
13.	0.5364E-02	-0.1281E+02	0.4480E-02	-0.2426E+02	0.2287E-02	0.3221E+01
14.	0.3008E-02	0.1443E+03	0.4023E-02	0.1771E+03	0.5889E-02	0.1785E+03
15.	0.5162E-03	-0.9676E+02	0.2355E-02	-0.7056E+02	0.2909E-02	-0.2237E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1255E+02	0.0000E+00	0.1277E+02	0.0000E+00	0.1290E+02	0.0000E+00
1.	0.3103E+00	-0.8496E+02	0.2273E+00	-0.8864E+02	0.1135E+00	-0.8864E+02
2.	0.3410E-01	0.3643E+02	0.4157E-01	0.2753E+02	0.1288E-01	0.6998E+02
3.	0.2044E-01	0.1030E+03	0.1272E-02	0.3481E+02	0.4380E-02	0.9587E+01
4.	0.1367E-01	0.1700E+03	0.1648E-01	0.1419E+03	0.7601E-02	0.1526E+03
5.	0.8235E-02	0.2471E+02	0.1135E-01	-0.1444E+02	0.7696E-02	-0.2294E+02
6.	0.1338E-01	0.1334E+03	0.1084E-01	0.1493E+03	0.3395E-02	0.1204E+03
7.	0.1638E-02	-0.1066E+03	0.5525E-02	-0.1137E+03	0.3418E-02	-0.8394E+02
8.	0.5091E-02	0.1739E+03	0.2397E-02	-0.1421E+03	0.1141E-02	-0.1074E+03
9.	0.2693E-02	-0.1337E+03	0.5891E-02	-0.1250E+03	0.3433E-02	-0.1106E+03
10.	0.3532E-02	0.1446E+03	0.4885E-02	0.1329E+03	0.2352E-02	0.1612E+03
11.	0.7434E-03	0.9319E+00	0.8277E-03	-0.7798E+02	0.1834E-02	-0.1073E+03
12.	0.3864E-02	-0.1020E+03	0.3185E-02	-0.1234E+03	0.3649E-02	-0.7491E+02
13.	0.5308E-02	-0.7708E+01	0.3678E-02	-0.3316E+02	0.2547E-02	-0.1672E+02
14.	0.5469E-02	0.1750E+03	0.3377E-02	-0.1519E+03	0.2197E-02	-0.1670E+03
15.	0.2593E-02	-0.4980E+02	0.2603E-02	-0.6996E+02	0.3362E-02	-0.6404E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1314E+02	0.0000E+00
1.	0.3095E-01	0.1055E+03
2.	0.8538E-02	-0.1654E+03
3.	0.6298E-02	0.2060E+02
4.	0.9716E-03	0.6865E+02
5.	0.2362E-02	-0.1843E+02
6.	0.2316E-02	0.7606E+02
7.	0.3771E-02	-0.7003E+02
8.	0.1626E-02	-0.1107E+03
9.	0.1594E-02	-0.1129E+03
10.	0.4896E-03	0.1354E+03
11.	0.3169E-03	0.1725E+03
12.	0.2186E-02	-0.5838E+02
13.	0.1955E-02	0.3655E+01
14.	0.8184E-03	-0.1391E+03
15.	0.1588E-02	-0.3194E+02



Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9871E+01	0.0000E+00	0.9676E+01	0.0000E+00	0.1041E+02	0.0000E+00
1.	0.1897E+01	0.1141E+03	0.4545E+00	-0.1449E+03	0.1069E+01	-0.9466E+02
2.	0.2943E+00	0.1021E+02	0.2920E+00	-0.9749E+01	0.4212E+00	-0.2336E+01
3.	0.3625E+00	0.1489E+03	0.2513E+00	0.1379E+03	0.2653E+00	0.1103E+03
4.	0.2394E+00	-0.1564E+03	0.1446E+00	-0.1551E+03	0.1754E+00	-0.1815E+03
5.	0.1472E+00	-0.1715E+03	0.4828E-01	0.1754E+03	0.6633E-01	-0.6731E+02
6.	0.2279E+00	0.1429E+03	0.1201E+00	0.1417E+03	0.7936E-01	0.7690E+02
7.	0.1383E+00	0.1512E+03	0.7237E-01	0.1725E+03	0.8973E-01	0.1453E+03
8.	0.6550E-01	-0.1729E+03	0.4019E-01	-0.1551E+03	0.8827E-01	-0.1352E+03
9.	0.2183E-01	-0.1610E+03	0.1313E-01	-0.1250E+03	0.5879E-01	-0.5254E+02
10.	0.4156E-01	0.1633E+03	0.1713E-01	0.1441E+03	0.5184E-01	0.6716E+02
11.	0.6801E-01	0.1699E+03	0.3885E-01	0.1682E+03	0.7393E-01	0.1545E+03
12.	0.5939E-01	-0.1634E+03	0.2789E-01	-0.1526E+03	0.6341E-01	-0.1070E+03
13.	0.3915E-01	0.1681E+03	0.1069E-01	-0.1753E+03	0.3545E-01	0.2731E+01
14.	0.4086E-01	0.1672E+03	0.2281E-01	0.1762E+03	0.4235E-01	0.1222E+03
15.	0.3159E-01	0.1746E+03	0.1281E-01	-0.1427E+03	0.4975E-01	-0.1527E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1114E+02	0.0000E+00	0.1146E+02	0.0000E+00	0.1189E+02	0.0000E+00
1.	0.1003E+01	-0.9112E+02	0.8457E+00	-0.8978E+02	0.5262E+00	-0.9042E+02
2.	0.2954E+00	-0.5491E+01	0.2152E+00	-0.1019E+02	0.1190E+00	-0.1662E+02
3.	0.1456E+00	0.1001E+03	0.9291E-01	0.8923E+02	0.5356E-01	0.8506E+02
4.	0.7662E-01	-0.1719E+03	0.3944E-01	0.1760E+03	0.2224E-01	0.1774E+03
5.	0.4485E-02	-0.1699E+03	0.6641E-02	0.1460E+03	0.7126E-02	0.1450E+03
6.	0.3314E-01	0.1371E+03	0.1604E-01	0.1224E+03	0.1214E-01	0.1087E+03
7.	0.1529E-01	0.1728E+03	0.8766E-02	0.1646E+03	0.7032E-02	0.1457E+03
8.	0.2796E-01	-0.1797E+03	0.9889E-02	-0.1728E+03	0.6646E-02	-0.1761E+03
9.	0.1275E-01	-0.1164E+03	0.1150E-01	-0.1363E+03	0.5448E-02	-0.1340E+03
10.	0.1717E-01	0.7866E+02	0.2668E-02	-0.1640E+03	0.1066E-02	-0.1031E+03
11.	0.1278E-01	-0.7966E+02	0.1170E-01	0.1147E+03	0.6681E-02	0.1081E+03
12.	0.1597E-01	-0.1425E+03	0.3218E-02	-0.1221E+03	0.9840E-03	0.1694E+03
13.	0.1016E-01	-0.1512E+03	0.2108E-02	-0.1455E+03	0.1681E-02	0.1739E+03
14.	0.9509E-02	-0.1570E+03	0.3473E-02	-0.1186E+03	0.3844E-02	-0.1613E+03
15.	0.4453E-02	0.3935E+02	0.1214E-02	0.1789E+03	0.7289E-03	0.4383E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1204E+02	0.0000E+00	0.1244E+02	0.0000E+00	0.1290E+02	0.0000E+00
1.	0.4612E+00	-0.8892E+02	0.1985E+00	-0.8762E+02	0.1307E+00	-0.7902E+02
2.	0.1008E+00	-0.1703E+02	0.4135E-01	-0.3101E+02	0.1477E-01	-0.5877E+02
3.	0.4357E-01	0.8582E+02	0.2543E-01	0.8069E+02	0.1620E-01	0.7246E+02
4.	0.1633E-01	0.1743E+03	0.5790E-02	-0.1775E+03	0.3140E-02	-0.1582E+03
5.	0.6474E-02	0.1654E+03	0.6057E-02	0.1756E+03	0.3068E-02	0.1287E+03
6.	0.1479E-01	0.1070E+03	0.8325E-02	0.9162E+02	0.4542E-02	0.9105E+02
7.	0.1044E-01	-0.1603E+03	0.8354E-02	-0.1584E+03	0.3448E-02	-0.1543E+03
8.	0.6032E-02	-0.1392E+03	0.6113E-03	0.7077E+02	0.3019E-03	0.7098E+02
9.	0.1079E-01	-0.1133E+03	0.4755E-02	-0.1209E+03	0.1854E-02	-0.1411E+03
10.	0.4967E-02	-0.4403E+02	0.3156E-02	0.7682E+02	0.1149E-02	0.1734E+03
11.	0.8530E-02	0.1109E+03	0.4975E-02	0.1320E+03	0.2506E-02	0.1096E+03
12.	0.2784E-02	-0.3449E+02	0.1403E-02	0.1648E+03	0.9551E-03	0.1745E+03
13.	0.6671E-02	0.1435E+03	0.1994E-02	0.1717E+03	0.6299E-03	-0.1421E+03
14.	0.7954E-02	-0.1386E+03	0.3334E-02	-0.1678E+03	0.6785E-03	0.1703E+03
15.	0.2907E-02	-0.1696E+03	0.7406E-03	-0.2156E+02	0.8145E-03	0.9000E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1318E+02	0.0000E+00
1.	0.9348E-01	0.9977E+02
2.	0.2160E-01	-0.1520E+03
3.	0.4185E-02	0.3396E+02
4.	0.3435E-02	0.2769E+02
5.	0.2374E-02	-0.1549E+03
6.	0.5037E-02	0.4825E+02
7.	0.4657E-02	-0.1089E+03
8.	0.5672E-02	-0.1720E+02
9.	0.3930E-02	-0.6399E+02
10.	0.4912E-02	0.7675E+02
11.	0.2814E-02	0.1110E+03
12.	0.3664E-02	0.3552E+02
13.	0.1323E-02	0.1759E+03
14.	0.6709E-03	-0.3166E+02
15.	0.2796E-02	0.1657E+03

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9742E+01	0.0000E+00	0.9765E+01	0.0000E+00	0.1089E+02	0.0000E+00
1.	0.8860E+00	0.1413E+03	0.1156E+01	-0.1070E+03	0.9475E+00	-0.9500E+02
2.	0.2033E+00	0.4049E+01	0.5989E+00	-0.8986E+01	0.2467E+00	-0.2083E+02
3.	0.1735E+00	0.1450E+03	0.2944E+00	0.9500E+02	0.5364E-01	0.5627E+02
4.	0.8174E-01	-0.1686E+03	0.1599E+00	0.1755E+03	0.4608E-01	0.5314E+02
5.	0.8300E-01	0.1656E+03	0.4884E-01	-0.1237E+03	0.7003E-01	0.1210E+03
6.	0.9267E-01	0.1231E+03	0.5792E-01	0.9313E+02	0.4578E-01	0.1751E+03
7.	0.4910E-01	0.1020E+03	0.3443E-01	0.1312E+03	0.3225E-01	-0.6487E+02
8.	0.2300E-01	0.1040E+03	0.1286E-01	-0.1048E+03	0.3119E-01	0.3879E+02
9.	0.1663E-01	-0.9698E+02	0.1178E-01	-0.2574E+02	0.2705E-01	0.1502E+03
10.	0.2529E-01	-0.3149E+02	0.4441E-02	-0.1724E+03	0.2432E-01	-0.1354E+03
11.	0.1863E-01	0.1134E+03	0.6514E-02	0.9427E+02	0.1381E-01	-0.3598E+02
12.	0.1225E-01	0.1326E+03	0.7681E-02	0.1124E+03	0.1652E-01	0.5674E+02
13.	0.4526E-02	0.1109E+03	0.1019E-01	-0.1771E+03	0.1831E-01	0.1366E+03
14.	0.9703E-02	-0.1479E+02	0.1744E-01	-0.6935E+02	0.1191E-01	-0.1198E+03
15.	0.7909E-02	0.3950E+02	0.1803E-01	0.2387E+02	0.1096E-01	-0.3100E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1197E+02	0.0000E+00	0.1205E+02	0.0000E+00	0.1225E+02	0.0000E+00
1.	0.5127E+00	-0.9197E+02	0.3596E+00	-0.9147E+02	0.2455E+00	-0.9044E+02
2.	0.1279E+00	-0.2531E+02	0.9373E-01	-0.3082E+02	0.6551E-01	-0.3559E+02
3.	0.3445E-01	0.6488E+02	0.2836E-01	0.6168E+02	0.1962E-01	0.7052E+02
4.	0.1700E-01	0.7404E+02	0.1324E-01	0.7136E+02	0.4171E-02	0.5517E+02
5.	0.2482E-01	0.1230E+03	0.1469E-01	0.1259E+03	0.1251E-01	0.1248E+03
6.	0.1896E-01	0.1422E+03	0.1645E-01	0.1135E+03	0.1196E-01	0.1120E+03
7.	0.1003E-01	-0.7348E+02	0.6023E-02	-0.1182E+03	0.7427E-03	-0.1727E+03
8.	0.8755E-02	0.6039E+02	0.6503E-02	0.6531E+02	0.3024E-02	0.8580E+02
9.	0.8054E-02	-0.1599E+03	0.1577E-01	-0.1431E+03	0.5987E-02	-0.1305E+03
10.	0.7918E-02	-0.1229E+03	0.3556E-02	-0.1713E+03	0.2998E-02	-0.1374E+03
11.	0.2297E-02	0.6724E+02	0.1815E-02	0.6660E+02	0.1875E-02	0.1058E+03
12.	0.1723E-02	0.1691E+02	0.1634E-02	0.2586E+02	0.1554E-02	0.3380E+02
13.	0.6332E-02	0.1352E+03	0.7771E-02	0.1171E+03	0.3581E-02	0.1321E+03
14.	0.6445E-02	-0.1187E+03	0.2579E-02	-0.1161E+03	0.2871E-02	-0.1170E+03
15.	0.3894E-02	-0.6099E+01	0.2193E-02	-0.2179E+02	0.2244E-02	-0.6139E+00

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00	0.1267E+02	0.0000E+00	0.1275E+02	0.0000E+00
1.	0.1943E+00	-0.8769E+02	0.1360E+00	-0.8186E+02	0.9679E-01	-0.8468E+02
2.	0.5470E-01	-0.3437E+02	0.4534E-01	-0.4411E+02	0.3987E-01	-0.6698E+02
3.	0.1757E-01	0.8438E+02	0.1764E-01	0.6892E+02	0.1631E-01	0.5778E+02
4.	0.4598E-02	0.1950E+02	0.7973E-03	0.4701E+02	0.2776E-02	0.1108E+02
5.	0.1146E-01	0.1219E+03	0.9164E-02	0.9538E+02	0.7320E-02	0.8929E+02
6.	0.8356E-02	0.1074E+03	0.1032E-01	0.1183E+03	0.1064E-01	0.9732E+02
7.	0.1431E-02	0.1054E+03	0.1286E-02	0.5059E+02	0.2818E-02	-0.8499E+02
8.	0.4003E-02	0.1146E+03	0.4463E-02	0.1053E+03	0.3646E-02	0.9569E+02
9.	0.5887E-02	-0.1208E+03	0.6726E-02	-0.1290E+03	0.5426E-02	-0.1195E+03
10.	0.8171E-03	-0.7606E+02	0.2733E-02	-0.1600E+03	0.2641E-02	-0.7166E+02
11.	0.1340E-02	0.1304E+03	0.3702E-02	0.9982E+02	0.4631E-02	0.6232E+02
12.	0.3223E-02	0.4812E+02	0.4096E-03	-0.8673E+02	0.1824E-03	-0.1647E+03
13.	0.6726E-02	0.1252E+03	0.3801E-02	0.1073E+03	0.1464E-02	0.8178E+02
14.	0.3233E-02	-0.1223E+03	0.3585E-02	-0.1508E+03	0.1496E-02	-0.8694E+02
15.	0.8674E-03	0.1764E+03	0.1817E-02	-0.5504E+02	0.2778E-02	-0.8217E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1265E+02	0.0000E+00	0.1343E+02	0.0000E+00
1.	0.6821E-01	-0.7006E+02	0.1311E+00	0.8881E+02
2.	0.2702E-01	-0.8904E+02	0.3026E-01	-0.1483E+03
3.	0.9339E-02	0.6686E+02	0.1065E-01	0.2730E+02
4.	0.3870E-02	-0.3725E+02	0.1496E-02	-0.3883E+01
5.	0.3191E-02	0.9020E+02	0.6004E-02	0.4677E+02
6.	0.6004E-02	0.8064E+02	0.3434E-02	0.6016E+02
7.	0.1318E-02	-0.1397E+03	0.6321E-02	-0.9742E+02
8.	0.2783E-02	0.4289E+02	0.3262E-02	-0.5726E+02
9.	0.2008E-02	0.1662E+03	0.6074E-02	-0.1253E+03
10.	0.1259E-02	-0.9821E+02	0.1938E-02	0.6706E+02
11.	0.2093E-02	0.9722E+02	0.5594E-02	0.1119E+03
12.	0.2759E-02	0.1176E+03	0.1790E-02	-0.6136E+02
13.	0.1871E-02	0.1367E+03	0.2679E-02	0.1164E+03
14.	0.1853E-02	-0.8290E+02	0.1081E-02	-0.1563E+03
15.	0.1168E-02	-0.7234E+02	0.4490E-02	-0.3500E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1049E+02	0.0000E+00	0.8929E+01	0.0000E+00	0.9189E+01	0.0000E+00
1.	0.2924E+01	0.1123E+03	0.1097E+01	0.1423E+03	0.1314E+01	-0.1089E+03
2.	0.4347E+00	0.2873E+02	0.1775E+00	0.1685E+02	0.5511E+00	-0.1179E+02
3.	0.1399E+00	0.1204E+03	0.1641E+00	0.1517E+03	0.1425E+00	0.1029E+03
4.	0.1431E+00	-0.1752E+03	0.1060E+00	0.1757E+03	0.3288E-01	-0.4990E+02
5.	0.1664E+00	0.1786E+03	0.1173E+00	0.1682E+03	0.1179E+00	0.8180E+02
6.	0.1380E+00	0.1278E+03	0.1039E+00	0.1279E+03	0.1308E+00	0.1314E+03
7.	0.1167E+00	0.9321E+02	0.7522E-01	0.9703E+02	0.3030E-01	0.1680E+03
8.	0.4407E-01	0.7482E+02	0.3534E-01	0.9917E+02	0.2394E-01	0.1192E+03
9.	0.2831E-01	-0.7981E+02	0.1384E-01	-0.9085E+02	0.4910E-01	-0.1459E+03
10.	0.3974E-01	-0.7205E+02	0.2282E-01	-0.5641E+02	0.4929E-01	-0.7219E+02
11.	0.1470E-01	0.1395E+03	0.1049E-01	0.1117E+03	0.2311E-01	0.2720E+02
12.	0.2980E-01	0.1303E+03	0.1387E-01	0.1332E+03	0.4300E-02	0.9840E+02
13.	0.2860E-01	0.1251E+03	0.1585E-01	0.1249E+03	0.1556E-01	0.2913E+02
14.	0.1025E-01	-0.2314E+00	0.1148E-02	0.1963E+02	0.1773E-01	0.8948E+02
15.	0.1479E-01	0.2151E+00	0.1258E-01	0.1810E+02	0.5903E-02	-0.1730E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1027E+02	0.0000E+00	0.1102E+02	0.0000E+00	0.1109E+02	0.0000E+00
1.	0.1569E+01	-0.9940E+02	0.1418E+01	-0.9492E+02	0.9236E+00	-0.9467E+02
2.	0.8496E+00	-0.1203E+02	0.7486E+00	-0.7658E+01	0.2854E+00	-0.1981E+02
3.	0.4698E+00	0.7753E+02	0.4708E+00	0.8338E+02	0.8093E-01	0.5304E+02
4.	0.2586E+00	0.1573E+03	0.3483E+00	0.1682E+03	0.6883E-01	0.1001E+03
5.	0.8690E-01	-0.1308E+03	0.2514E+00	-0.1063E+03	0.6382E-01	0.1700E+03
6.	0.4467E-01	0.1031E+03	0.1795E+00	-0.2244E+01	0.2914E-01	-0.5636E+02
7.	0.4787E-01	-0.1495E+03	0.1450E+00	0.8168E+02	0.7555E-01	0.4478E+02
8.	0.6457E-01	-0.4354E+02	0.7453E-01	0.1676E+03	0.7797E-01	0.1389E+03
9.	0.4720E-01	0.5084E+02	0.2273E-01	-0.9111E+02	0.8816E-01	-0.1265E+03
10.	0.2497E-01	0.1533E+03	0.3621E-01	0.1583E+03	0.7186E-01	-0.3313E+02
11.	0.1251E-01	0.1553E+02	0.6513E-01	-0.1124E+03	0.7362E-01	0.6448E+02
12.	0.3312E-01	0.1018E+03	0.8133E-01	-0.2064E+02	0.5882E-01	0.1567E+03
13.	0.3741E-01	-0.1696E+03	0.8394E-01	0.7726E+02	0.5010E-01	-0.1172E+03
14.	0.2643E-01	-0.7480E+02	0.6865E-01	0.1725E+03	0.3971E-01	-0.3599E+02
15.	0.7842E-02	0.7110E+01	0.4625E-01	-0.8233E+02	0.3276E-01	0.4614E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1168E+02	0.0000E+00	0.1172E+02	0.0000E+00	0.1271E+02	0.0000E+00
1.	0.4497E+00	-0.9065E+02	0.2986E+00	-0.8921E+02	0.2017E+00	-0.8555E+02
2.	0.1027E+00	-0.2866E+02	0.7717E-01	-0.3398E+02	0.5869E-01	-0.4365E+02
3.	0.1081E-01	-0.3739E+02	0.5902E-02	-0.2433E+02	0.4452E-02	-0.5952E+02
4.	0.3598E-01	0.2552E+02	0.2312E-01	0.2675E+02	0.1681E-01	0.2332E+02
5.	0.4468E-01	0.9949E+02	0.2821E-01	0.9633E+02	0.2189E-01	0.9563E+02
6.	0.2955E-01	0.1474E+03	0.2046E-01	0.1333E+03	0.1627E-01	0.1295E+03
7.	0.1176E-01	-0.4697E+02	0.7179E-02	-0.2773E+02	0.9537E-02	0.4149E+02
8.	0.1112E-01	0.4889E+02	0.7021E-02	0.6345E+02	0.6339E-02	0.8967E+02
9.	0.1461E-01	0.1593E+03	0.1141E-01	0.1790E+03	0.9777E-02	0.1724E+03
10.	0.1068E-01	-0.1666E+03	0.5547E-02	-0.1667E+03	0.5441E-02	-0.1744E+03
11.	0.2465E-02	-0.1703E+03	0.1801E-02	0.1264E+03	0.1472E-02	0.1547E+03
12.	0.6571E-02	-0.6996E+02	0.5358E-02	-0.6173E+02	0.3653E-02	-0.8279E+02
13.	0.1736E-02	0.1378E+03	0.1026E-02	0.2689E+02	0.2515E-03	-0.9839E+02
14.	0.6083E-02	-0.1567E+03	0.2524E-02	-0.1534E+03	0.1583E-02	-0.1480E+03
15.	0.6701E-02	-0.3695E+02	0.7093E-02	-0.2786E+02	0.6016E-02	-0.3757E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1275E+02	0.0000E+00	0.1341E+02	0.0000E+00	0.1253E+02	0.0000E+00
1.	0.1326E+00	-0.7805E+02	0.8189E-01	-0.6834E+02	0.6618E-01	-0.6598E+02
2.	0.4870E-01	-0.4911E+02	0.3503E-01	-0.5896E+02	0.2989E-01	-0.5466E+02
3.	0.4374E-02	-0.7095E+02	0.2858E-02	0.2450E+02	0.7926E-02	0.5977E+02
4.	0.1285E-01	0.1962E+02	0.9117E-02	0.8265E+01	0.8573E-02	-0.5553E+00
5.	0.1766E-01	0.9178E+02	0.1251E-01	0.9232E+02	0.1004E-01	0.9012E+02
6.	0.1216E-01	0.1148E+03	0.9738E-02	0.1064E+03	0.1014E-01	0.9451E+02
7.	0.9883E-02	0.4184E+02	0.5782E-02	0.4053E+02	0.2309E-02	0.6419E+02
8.	0.5183E-02	0.8947E+02	0.3546E-02	0.9684E+02	0.3967E-02	0.7629E+02
9.	0.1066E-01	-0.1777E+03	0.6155E-02	-0.1780E+03	0.4943E-02	-0.1552E+03
10.	0.3665E-02	-0.1717E+03	0.2414E-02	-0.1688E+03	0.1375E-02	-0.1067E+03
11.	0.1596E-02	0.1342E+03	0.1322E-02	0.1102E+03	0.2414E-02	0.1163E+03
12.	0.3627E-02	-0.7324E+02	0.2100E-02	-0.3258E+02	0.4916E-03	-0.4605E+02
13.	0.1647E-02	-0.1713E+03	0.1812E-02	0.1404E+03	0.3122E-02	0.1231E+03
14.	0.1892E-02	-0.1489E+03	0.7681E-03	-0.1273E+03	0.1585E-02	-0.1645E+03
15.	0.4674E-02	-0.5604E+02	0.3956E-02	-0.5676E+02	0.2849E-02	-0.7412E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1322E+02	0.0000E+00
1.	0.5431E-01	0.4534E+02
2.	0.2037E-01	-0.9717E+02
3.	0.4680E-02	0.6131E+02
4.	0.6417E-02	-0.1481E+02
5.	0.7236E-02	0.7942E+02
6.	0.6837E-02	0.8273E+02
7.	0.2669E-02	0.2805E+02
8.	0.2315E-02	0.7687E+02
9.	0.3807E-02	0.1752E+03
10.	0.1676E-02	0.1724E+03
11.	0.1599E-02	0.8315E+02
12.	0.4337E-03	-0.5832E+02
13.	0.1662E-02	0.1320E+03
14.	0.1000E-02	-0.1296E+03
15.	0.2145E-02	-0.5540E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1125E+02	0.0000E+00	0.8310E+01	0.0000E+00	0.9465E+01	0.0000E+00
1.	0.3609E+01	0.1127E+03	0.1606E+01	0.1729E+03	0.1144E+01	-0.1205E+03
2.	0.6811E+00	0.3643E+02	0.2840E+00	-0.1765E+02	0.4038E+00	-0.2360E+02
3.	0.9938E-01	0.8725E+02	0.2792E+00	0.1341E+03	0.7017E-01	-0.2318E+02
4.	0.1498E+00	-0.1697E+03	0.2980E+00	0.1652E+03	0.5561E-02	-0.1294E+02
5.	0.1898E+00	-0.1706E+03	0.2292E+00	0.1671E+03	0.6243E-01	0.9625E+02
6.	0.1432E+00	0.1468E+03	0.1770E+00	0.1323E+03	0.8825E-01	0.1147E+03
7.	0.1206E+00	0.1087E+03	0.1412E+00	0.1194E+03	0.5118E-01	0.1175E+03
8.	0.5924E-01	0.8307E+02	0.5905E-01	0.1370E+03	0.3207E-01	0.1340E+03
9.	0.2638E-01	-0.7658E+02	0.2453E-01	-0.1465E+03	0.3496E-01	-0.1572E+03
10.	0.5152E-01	-0.7090E+02	0.1145E-01	-0.7909E+02	0.3615E-01	-0.1155E+03
11.	0.1451E-01	-0.1299E+03	0.1010E-01	0.5160E+02	0.1514E-01	-0.6315E+02
12.	0.2610E-01	0.1495E+03	0.1004E-01	0.4873E+02	0.4352E-02	-0.4874E+02
13.	0.4126E-01	0.1393E+03	0.8769E-02	0.9084E+02	0.2895E-02	-0.1771E+02
14.	0.8125E-02	0.1503E+03	0.7927E-02	-0.3945E+02	0.1316E-01	-0.1039E+02
15.	0.2086E-01	0.1319E+02	0.2015E-01	0.2320E+02	0.1929E-01	0.4247E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1010E+02	0.0000E+00	0.1102E+02	0.0000E+00	0.1199E+02	0.0000E+00
1.	0.1924E+01	-0.9948E+02	0.8642E+00	-0.9249E+02	0.4489E+00	-0.8410E+02
2.	0.8396E+00	-0.1459E+02	0.2212E+00	-0.1748E+02	0.5459E-01	-0.2248E+02
3.	0.3333E+00	0.7619E+02	0.7848E-01	0.7350E+02	0.2711E-01	-0.1267E+03
4.	0.7497E-01	0.1559E+03	0.6801E-01	0.1329E+03	0.4783E-01	-0.9967E+01
5.	0.8172E-01	0.7278E+02	0.7655E-01	-0.1439E+03	0.5138E-01	0.7848E+02
6.	0.1393E+00	0.1345E+03	0.8415E-01	-0.3304E+02	0.4339E-01	0.1384E+03
7.	0.7716E-01	-0.1340E+03	0.1175E+00	0.4569E+02	0.2582E-01	-0.1165E+03
8.	0.3747E-01	-0.1174E+02	0.1151E+00	0.1305E+03	0.1289E-01	-0.1718E+02
9.	0.3081E-01	0.1768E+03	0.1077E+00	-0.1423E+03	0.5784E-02	-0.1730E+03
10.	0.4783E-01	-0.8642E+02	0.7609E-01	-0.5892E+02	0.9055E-02	0.1566E+03
11.	0.4209E-01	0.2364E+02	0.5368E-01	0.3597E+02	0.4342E-02	0.1482E+03
12.	0.2458E-01	0.1376E+03	0.2667E-01	0.1177E+03	0.5574E-02	-0.8537E+02
13.	0.1604E-01	-0.7518E+02	0.1045E-01	0.1739E+03	0.6332E-02	0.1004E+02
14.	0.2404E-01	0.4196E+02	0.5569E-02	-0.1492E+03	0.6718E-02	-0.1460E+03
15.	0.1792E-01	0.1354E+03	0.5262E-02	-0.1243E+03	0.4207E-02	0.5121E+01

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1227E+02	0.0000E+00	0.1253E+02	0.0000E+00	0.1263E+02	0.0000E+00
1.	0.2992E+00	-0.7431E+02	0.1997E+00	-0.5912E+02	0.1531E+00	-0.4904E+02
2.	0.3527E-01	-0.3239E+02	0.2609E-01	-0.3711E+02	0.2682E-01	-0.3144E+02
3.	0.1465E-01	-0.1258E+03	0.8770E-02	-0.1710E+03	0.7453E-02	0.1643E+03
4.	0.2872E-01	-0.1412E+01	0.1385E-01	-0.1581E+02	0.1035E-01	-0.2432E+02
5.	0.3008E-01	0.7899E+02	0.1342E-01	0.7548E+02	0.1106E-01	0.8521E+02
6.	0.2400E-01	0.1236E+03	0.1207E-01	0.9978E+02	0.1031E-01	0.1011E+03
7.	0.1488E-01	-0.1074E+03	0.2381E-02	-0.6883E+02	0.1932E-02	-0.4918E+02
8.	0.6271E-02	-0.4348E+01	0.2715E-02	0.7358E+02	0.1302E-02	0.2415E+02
9.	0.8359E-02	-0.1548E+03	0.4407E-02	0.1778E+03	0.5871E-02	0.1786E+03
10.	0.6869E-02	0.1638E+03	0.2091E-02	0.1073E+03	0.1626E-02	0.1426E+03
11.	0.5726E-02	0.1019E+03	0.2612E-02	0.1553E+03	0.2564E-02	0.1009E+03
12.	0.4385E-02	-0.6584E+02	0.2815E-02	-0.7769E+02	0.1674E-02	-0.6343E+02
13.	0.4117E-02	0.3593E+02	0.2849E-02	0.5347E+02	0.8401E-03	0.7840E+02
14.	0.2839E-02	-0.1392E+03	0.3497E-02	-0.1606E+03	0.2284E-02	-0.1650E+03
15.	0.2908E-02	0.2033E+02	0.7425E-03	-0.1441E+03	0.1283E-02	-0.1365E+03

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1282E+02	0.0000E+00	0.1339E+02	0.0000E+00
1.	0.1171E+00	-0.4522E+01	0.1582E+00	0.6877E+02
2.	0.1772E-01	-0.1617E+02	0.7135E-02	-0.1798E+03
3.	0.4481E-02	0.1148E+03	0.2051E-02	-0.1190E+03
4.	0.4142E-02	-0.1921E+02	0.3395E-02	-0.7145E+02
5.	0.5964E-02	0.7339E+02	0.2081E-02	-0.1013E+02
6.	0.7262E-02	0.1047E+03	0.1685E-02	0.7271E+02
7.	0.1576E-02	-0.4397E+02	0.4094E-02	-0.5530E+02
8.	0.1297E-02	0.1445E+03	0.1961E-02	-0.1482E+03
9.	0.4961E-02	-0.1497E+03	0.3467E-02	-0.1233E+03
10.	0.5631E-03	-0.1791E+03	0.1804E-02	0.8370E+02
11.	0.3203E-02	0.8124E+02	0.3200E-02	0.8935E+02
12.	0.1813E-02	-0.2457E+02	0.1400E-02	-0.4903E+02
13.	0.1083E-02	0.1089E+03	0.4849E-03	0.1068E+03
14.	0.1687E-02	-0.1331E+03	0.2650E-02	-0.1371E+03
15.	0.2040E-02	-0.4263E+02	0.9847E-03	-0.6103E+02



Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1105E+02	0.0000E+00	0.9046E+01	0.0000E+00	0.8954E+01	0.0000E+00
1.	0.2900E+01	0.1151E+03	0.1189E+01	0.1531E+03	0.1384E+01	-0.1162E+03
2.	0.3376E+00	0.3843E+02	0.1400E+00	0.8818E+01	0.3428E+00	-0.2762E+02
3.	0.1381E+00	0.1055E+03	0.1656E+00	0.1268E+03	0.6095E-01	0.1710E+03
4.	0.1410E+00	0.1694E+03	0.1390E+00	0.1573E+03	0.4314E-01	-0.5689E+02
5.	0.1615E+00	0.1781E+03	0.1382E+00	0.1613E+03	0.5952E-01	0.9758E+02
6.	0.1124E+00	0.1385E+03	0.9293E-01	0.1287E+03	0.4428E-01	0.1249E+03
7.	0.1010E+00	0.9896E+02	0.7593E-01	0.8751E+02	0.3235E-01	0.4662E+02
8.	0.5072E-01	0.8217E+02	0.3959E-01	0.9151E+02	0.1904E-01	0.8006E+02
9.	0.1721E-01	-0.1138E+03	0.1593E-01	-0.1447E+03	0.1227E-01	-0.9567E+02
10.	0.3980E-01	-0.8893E+02	0.2591E-01	-0.1128E+03	0.6474E-02	-0.2399E+02
11.	0.9678E-02	-0.1301E+03	0.3772E-02	-0.4737E+02	0.1184E-01	0.7046E+02
12.	0.1849E-01	0.1053E+03	0.1794E-01	0.8000E+02	0.1076E-01	0.7350E+02
13.	0.3619E-01	0.1191E+03	0.2601E-01	0.1001E+03	0.1948E-01	0.9735E+02
14.	0.7858E-02	0.1097E+03	0.6110E-02	0.1562E+03	0.1333E-01	0.1574E+03
15.	0.1221E-01	-0.1973E+02	0.1664E-01	-0.3672E+02	0.4448E-02	-0.8619E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1026E+02	0.0000E+00	0.1126E+02	0.0000E+00	0.1219E+02	0.0000E+00
1.	0.1743E+01	-0.1035E+03	0.7524E+00	-0.8792E+02	0.4076E+00	-0.7894E+02
2.	0.9441E+00	-0.2363E+02	0.1292E+00	-0.4891E+01	0.5919E-01	-0.1307E+02
3.	0.5348E+00	0.5646E+02	0.4768E-01	-0.1757E+03	0.2115E-01	-0.1654E+03
4.	0.2853E+00	0.1280E+03	0.3858E-01	-0.3770E+02	0.2710E-01	-0.2608E+01
5.	0.9366E-01	0.1785E+03	0.3076E-01	0.5806E+02	0.2855E-01	0.7978E+02
6.	0.7928E-01	0.1211E+03	0.2639E-01	0.7972E+02	0.2517E-01	0.1209E+03
7.	0.1148E+00	-0.1733E+03	0.2121E-01	0.7149E+02	0.8421E-02	-0.1209E+03
8.	0.1304E+00	-0.9485E+02	0.2188E-01	0.1318E+03	0.5240E-02	-0.2861E+02
9.	0.9860E-01	-0.2521E+02	0.3036E-01	-0.1456E+03	0.7664E-02	-0.1458E+03
10.	0.3955E-01	0.4333E+02	0.2061E-01	-0.7777E+02	0.4213E-02	0.1643E+03
11.	0.2773E-01	0.1124E+02	0.1438E-01	0.2636E+02	0.5854E-02	0.1138E+03
12.	0.6514E-01	0.5290E+02	0.8543E-02	0.5631E+02	0.5306E-02	-0.9394E+02
13.	0.7935E-01	0.1225E+03	0.1058E-01	0.1282E+03	0.6594E-03	-0.8797E+02
14.	0.6726E-01	-0.1629E+03	0.9844E-02	-0.1669E+03	0.2278E-02	0.1282E+03
15.	0.3329E-01	-0.8734E+02	0.6491E-02	-0.8394E+02	0.1455E-02	-0.1751E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1235E+02	0.0000E+00	0.1277E+02	0.0000E+00	0.1284E+02	0.0000E+00
1.	0.1544E+00	-0.2948E+02	0.1493E+00	-0.1558E+02	0.1597E+00	-0.2594E+01
2.	0.2021E-01	-0.3284E+02	0.1943E-01	-0.3149E+02	0.1719E-01	-0.3733E+02
3.	0.1405E-01	0.1444E+03	0.1405E-01	0.1713E+03	0.1239E-01	0.1717E+03
4.	0.9236E-02	-0.4224E+02	0.8495E-02	-0.1911E+02	0.7848E-02	-0.3409E+02
5.	0.1518E-01	0.7479E+02	0.8939E-02	0.8653E+02	0.8359E-02	0.7811E+02
6.	0.6125E-02	0.1053E+03	0.8103E-02	0.1136E+03	0.6315E-02	0.1050E+03
7.	0.4265E-02	0.9356E+02	0.1286E-02	0.2468E+01	0.3479E-02	0.3452E+02
8.	0.4617E-02	-0.2317E+02	0.1784E-02	0.8972E+02	0.1368E-03	0.1722E+02
9.	0.6202E-02	-0.1639E+03	0.3677E-02	-0.1751E+03	0.2806E-02	-0.1734E+03
10.	0.2178E-02	-0.1273E+03	0.3243E-03	-0.1744E+03	0.5793E-03	0.1257E+03
11.	0.1575E-02	0.1337E+03	0.3075E-02	0.9876E+02	0.2973E-02	0.7922E+02
12.	0.3509E-02	-0.9848E+02	0.1460E-02	-0.8326E+02	0.1673E-02	-0.8069E+02
13.	0.3049E-02	0.1222E+03	0.1155E-02	0.1255E+03	0.5009E-03	0.1265E+03
14.	0.1673E-02	0.6602E+02	0.6845E-03	-0.1067E+03	0.8273E-03	-0.1783E+03
15.	0.3131E-02	-0.1009E+03	0.1297E-02	-0.1742E+02	0.6592E-03	-0.9156E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1271E+02	0.0000E+00	0.1292E+02	0.0000E+00
1.	0.1530E+00	0.2209E+02	0.2346E+00	0.6557E+02
2.	0.1383E-01	-0.2437E+02	0.1103E-01	0.9974E+02
3.	0.0290E-02	-0.1570E+03	0.9084E-02	-0.7416E+02
4.	0.7239E-02	-0.6963E+02	0.8946E-02	-0.1098E+03
5.	0.5325E-02	0.8350E+02	0.1299E-02	0.1230E+03
6.	0.5782E-02	0.1017E+03	0.2809E-02	0.8688E+02
7.	0.2213E-02	0.3092E+02	0.1595E-02	0.2790E+02
8.	0.8609E-03	0.1324E+03	0.1552E-02	-0.1472E+03
9.	0.2344E-02	-0.1694E+03	0.1907E-02	-0.1478E+03
10.	0.3293E-03	-0.1343E+03	0.1036E-02	0.1536E+03
11.	0.2452E-02	0.7709E+02	0.2905E-02	0.8429E+02
12.	0.8244E-03	-0.6747E+02	0.1636E-02	-0.6519E+02
13.	0.1582E-02	0.1273E+03	0.8084E-03	0.1644E+03
14.	0.1135E-02	-0.1274E+03	0.2255E-02	-0.1172E+03
15.	0.1251E-02	-0.5188E+02	0.1195E-02	-0.6033E+02

Table IV-6a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.9953E+01	0.0000E+00	0.9710E+01	0.0000E+00
1.	0.2447E+01	0.1199E+03	0.1158E+01	0.1668E+03	0.1771E+01	-0.1166E+03
2.	0.2037E+00	0.4727E+02	0.3667E-01	-0.8492E+01	0.6797E+00	-0.3794E+02
3.	0.1395E+00	0.1019E+03	0.1439E+00	0.1431E+03	0.1730E+00	0.3174E+02
4.	0.1248E+00	0.1658E+03	0.1085E+00	0.1697E+03	0.7533E-01	0.3743E+02
5.	0.1277E+00	0.1770E+03	0.1011E+00	0.1662E+03	0.1009E+00	0.8051E+02
6.	0.8057E-01	0.1422E+03	0.6005E-01	0.1359E+03	0.6886E-01	0.1099E+03
7.	0.7662E-01	0.1030E+03	0.5223E-01	0.9448E+02	0.5637E-01	0.7550E+02
8.	0.3790E-01	0.8078E+02	0.2595E-01	0.8218E+02	0.6936E-01	0.1232E+03
9.	0.1426E-01	-0.1373E+03	0.1365E-01	-0.1465E+03	0.7435E-01	-0.1602E+03
10.	0.3002E-01	-0.9152E+02	0.2251E-01	-0.1039E+03	0.4392E-01	-0.9768E+02
11.	0.9692E-02	-0.1181E+03	0.2507E-02	-0.7885E+02	0.6294E-02	-0.1675E+03
12.	0.1380E-01	0.8611E+02	0.1071E-01	0.7149E+02	0.2946E-01	-0.1012E+03
13.	0.2870E-01	0.1164E+03	0.1835E-01	0.1037E+03	0.2667E-01	-0.2501E+02
14.	0.1099E-01	0.1374E+03	0.4411E-02	0.1408E+03	0.1232E-01	0.2158E+02
15.	0.9130E-02	-0.3245E+02	0.8810E-02	-0.4274E+02	0.1390E-01	-0.2959E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1062E+02	0.0000E+00	0.1142E+02	0.0000E+00	0.1153E+02	0.0000E+00
1.	0.1027E+01	-0.1054E+03	0.7772E+00	-0.9638E+02	0.6477E+00	-0.9000E+02
2.	0.4773E+00	-0.2291E+02	0.2417E+00	-0.1693E+02	0.1803E+00	-0.1674E+02
3.	0.2867E+00	0.6958E+02	0.9663E-01	0.9813E+02	0.5865E-01	0.1080E+03
4.	0.2086E+00	0.1429E+03	0.4074E-01	0.1781E+03	0.7617E-02	-0.1418E+03
5.	0.1483E+00	-0.1469E+03	0.1547E-01	-0.1062E+03	0.1495E-01	0.6795E+02
6.	0.1062E+00	-0.8468E+02	0.2244E-01	0.5838E+01	0.1493E-01	0.7717E+02
7.	0.9421E-01	0.7784E+01	0.2615E-01	0.4642E+02	0.1005E-01	0.7005E+02
8.	0.6091E-01	0.7090E+02	0.1853E-01	0.1100E+03	0.1150E-02	0.8516E+02
9.	0.4236E-01	0.1456E+03	0.2206E-01	-0.1698E+03	0.8867E-02	-0.1586E+03
10.	0.2656E-01	-0.1544E+03	0.1115E-01	-0.1128E+03	0.3260E-02	-0.8442E+02
11.	0.1245E-01	-0.1284E+03	0.3111E-02	0.4236E+02	0.5671E-02	0.1039E+03
12.	0.1065E-01	-0.4975E+02	0.6999E-02	-0.1697E+02	0.3661E-02	-0.4432E+02
13.	0.6487E-02	0.6894E+00	0.4107E-02	0.6447E+02	0.1957E-02	0.4063E+02
14.	0.8836E-02	0.2558E+02	0.2149E-02	-0.1391E+03	0.9895E-03	-0.7824E+02
15.	0.7333E-02	0.9559E+02	0.1870E-02	-0.5857E+02	0.2182E-02	-0.9768E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.1215E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.3480E+00	-0.5678E+02	0.2554E+00	-0.3433E+02	0.2422E+00	0.6804E+01
2.	0.6999E-01	-0.9113E+01	0.5983E-01	-0.1246E+02	0.5889E-01	-0.3040E+02
3.	0.3795E-01	0.1395E+03	0.4369E-01	0.1462E+03	0.5573E-01	0.1806E+03
4.	0.5047E-02	0.8486E+02	0.1481E-01	0.6746E+02	0.2102E-01	0.6819E+02
5.	0.1334E-01	0.8289E+02	0.8026E-02	0.1151E+03	0.2019E-02	-0.3399E+02
6.	0.1072E-01	0.1211E+03	0.1327E-01	0.1123E+03	0.1440E-01	0.1613E+03
7.	0.4081E-02	0.5220E+01	0.2234E-02	-0.6574E+02	0.7002E-02	0.1216E+03
8.	0.2095E-02	-0.3453E+02	0.2403E-02	-0.2344E+02	0.2800E-02	-0.4948E+01
9.	0.9075E-02	-0.1562E+03	0.1269E-01	-0.1601E+03	0.7136E-02	0.1777E+03
10.	0.1743E-02	-0.1038E+03	0.5673E-03	0.2191E+02	0.9786E-03	0.7940E+02
11.	0.5881E-02	0.1143E+03	0.4487E-02	0.1454E+03	0.1751E-02	0.1485E+02
12.	0.5640E-02	-0.6222E+02	0.4332E-02	-0.5181E+02	0.4263E-02	-0.1068E+03
13.	0.1470E-02	0.1319E+03	0.2407E-02	0.1694E+03	0.4265E-02	0.1508E+03
14.	0.2266E-02	-0.1795E+03	0.4590E-03	0.8427E+01	0.1148E-02	0.6480E+02
15.	0.2800E-02	-0.8298E+02	0.4015E-02	-0.1047E+03	0.1545E-02	-0.3920E+01

Table IV-6a. Concluded

HARMONIC	FRACTN RADIUS 0.99		FRACTN RADIUS 0.99		FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.60		FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1249E+02	0.0000E+00	0.1259E+02	0.0000E+00	0.1238E+02	0.0000E+00
1.	0.3267E+00	0.2772E+02	0.5480E+00	0.4537E+02	0.1040E+01	0.4192E+02
2.	0.1145E+00	-0.3567E+02	0.2862E+00	-0.5141E+02	0.3700E+00	-0.1003E+03
3.	0.8889E-01	-0.1767E+03	0.2042E+00	0.1780E+03	0.7981E-01	0.8380E+02
4.	0.4505E-01	0.7144E+02	0.1096E+00	0.4481E+02	0.7914E-01	-0.1609E+03
5.	0.2571E-01	-0.4655E+02	0.6015E-01	-0.7302E+02	0.6031E-01	0.5799E+02
6.	0.2683E-01	-0.1721E+03	0.4188E-01	0.1729E+03	0.3038E-01	-0.6084E+02
7.	0.1454E-01	0.1056E+03	0.2360E-01	0.6720E+02	0.2116E-01	-0.1703E+03
8.	0.8715E-02	-0.1902E+02	0.1933E-01	-0.5454E+02	0.1238E-01	0.2448E+02
9.	0.9682E-02	-0.1519E+03	0.1280E-01	0.1635E+03	0.1816E-01	-0.1777E+03
10.	0.2682E-02	0.8807E+02	0.5765E-02	0.1020E+02	0.2196E-01	0.3923E+02
11.	0.4548E-02	0.2108E+02	0.1505E-02	0.4225E+02	0.1765E-01	-0.8689E+02
12.	0.7587E-02	-0.9248E+02	0.6174E-02	-0.5971E+02	0.1195E-01	0.1629E+03
13.	0.5501E-02	0.1353E+03	0.7189E-02	0.1234E+03	0.5359E-02	0.8509E+02
14.	0.7941E-03	0.8576E+02	0.1692E-02	0.7033E+02	0.4121E-02	0.1414E+02
15.	0.2321E-02	-0.6156E+02	0.2315E-02	-0.4214E+02	0.7371E-02	-0.9184E+02

Table IV-6b. Harmonic pressure data for 116 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1378E+02	0.0000E+00	0.1344E+02	0.0000E+00	0.1320E+02	0.0000E+00
1.	0.8780E+00	0.9366E+02	0.2977E+00	0.1171E+03	0.8699E-01	-0.1699E+03
2.	0.1184E+00	-0.1098E+03	0.1554E+00	-0.4809E+02	0.1392E+00	-0.3233E+02
3.	0.3134E-01	0.8138E+02	0.1863E-01	0.1037E+03	0.1213E-01	0.1354E+03
4.	0.2105E-01	-0.4315E+02	0.3041E-01	-0.1104E+03	0.2389E-01	-0.1289E+03
5.	0.6419E-02	-0.1944E+02	0.1058E-01	-0.1070E+03	0.9482E-02	-0.1195E+03
6.	0.9842E-02	-0.8947E+02	0.2286E-01	-0.1778E+03	0.2016E-01	0.1685E+03
7.	0.1654E-01	-0.9542E+02	0.2895E-01	-0.1278E+03	0.2531E-01	-0.1330E+03
8.	0.8441E-02	-0.1278E+03	0.1403E-01	-0.1770E+03	0.1039E-01	0.1797E+03
9.	0.1773E-01	-0.1487E+03	0.2632E-01	-0.1624E+03	0.1886E-01	-0.1664E+03
10.	0.1719E-01	-0.1569E+03	0.1847E-01	-0.1532E+03	0.1359E-01	-0.1570E+03
11.	0.1460E-01	-0.1656E+03	0.1291E-01	-0.1563E+03	0.7370E-02	-0.1509E+03
12.	0.9175E-02	-0.1777E+03	0.3634E-02	-0.1178E+03	0.2070E-02	-0.8075E+02
13.	0.1243E-01	0.1721E+03	0.4229E-02	-0.1602E+03	0.1878E-02	-0.7207E+02
14.	0.4113E-02	-0.1284E+03	0.1143E-01	-0.5829E+02	0.1019E-01	-0.4837E+02
15.	0.5559E-02	0.1140E+03	0.1040E-01	0.1245E+02	0.9562E-02	0.3942E+00

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1292E+02	0.0000E+00	0.1303E+02	0.0000E+00	0.1318E+02	0.0000E+00
1.	0.1872E+00	-0.1067E+03	0.6608E-01	-0.1321E+03	0.3472E-01	0.1495E+03
2.	0.1244E+00	-0.2388E+02	0.8337E-01	-0.2781E+02	0.4466E-01	-0.3314E+02
3.	0.8292E-02	0.1193E+03	0.7022E-02	-0.1595E+03	0.5664E-02	-0.1736E+03
4.	0.9892E-02	-0.1498E+03	0.2898E-02	-0.1359E+03	0.4070E-03	-0.1015E+02
5.	0.6791E-02	-0.1385E+03	0.6623E-02	-0.1497E+03	0.5214E-02	-0.1590E+03
6.	0.1222E-01	0.1532E+03	0.6273E-02	0.1318E+03	0.3058E-02	0.8770E+02
7.	0.1587E-01	-0.1438E+03	0.1295E-01	-0.1359E+03	0.7018E-02	-0.1271E+03
8.	0.7178E-02	-0.1719E+03	0.2234E-02	-0.1789E+03	0.9759E-03	0.1654E+03
9.	0.1077E-01	-0.1594E+03	0.5473E-02	-0.1746E+03	0.3983E-02	-0.1796E+03
10.	0.7947E-02	-0.1433E+03	0.4844E-02	-0.1647E+03	0.3731E-02	0.1782E+03
11.	0.5688E-02	-0.1257E+03	0.2882E-02	-0.1750E+03	0.3585E-02	0.1608E+03
12.	0.3507E-02	-0.7215E+02	0.8285E-03	-0.5408E+02	0.1298E-02	0.1669E+03
13.	0.4127E-02	-0.5483E+02	0.1079E-02	-0.7992E+02	0.1062E-02	-0.1800E+03
14.	0.7379E-02	-0.4633E+02	0.3233E-02	-0.6704E+02	0.1941E-02	-0.8222E+02
15.	0.6075E-02	-0.1677E+02	0.2352E-02	-0.2041E+02	0.9247E-03	-0.7745E+02

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1451E+02	0.0000E+00	0.1310E+02	0.0000E+00	0.1310E+02	0.0000E+00
1.	0.1112E+01	0.9412E+02	0.4332E+00	-0.8617E+02	0.4343E+00	-0.8784E+02
2.	0.3004E-01	-0.3794E+02	0.1589E+00	-0.1267E+02	0.1342E+00	-0.1331E+02
3.	0.5063E-01	-0.3653E+02	0.9195E-01	-0.3088E+02	0.6316E-01	-0.2709E+02
4.	0.3351E-01	0.4453E+02	0.4313E-01	0.6446E+02	0.3425E-01	0.6551E+02
5.	0.2591E-01	-0.9877E+02	0.2753E-01	-0.1058E+03	0.1845E-01	-0.1190E+03
6.	0.2873E-01	-0.2260E+02	0.4208E-01	-0.1458E+02	0.3077E-01	-0.1457E+02
7.	0.1007E-01	0.3855E+02	0.2001E-01	0.3652E+02	0.1534E-01	0.3170E+02
8.	0.1604E-02	-0.4974E+02	0.5070E-02	0.1238E+03	0.5804E-02	0.1210E+03
9.	0.6470E-02	-0.4032E+02	0.2032E-02	-0.7514E+02	0.6008E-02	-0.8970E+02
10.	0.5370E-02	0.5235E+01	0.7020E-02	0.1925E+02	0.4407E-02	0.1323E+02
11.	0.1018E-02	-0.3858E+00	0.4573E-02	0.1074E+03	0.6735E-02	0.9457E+02
12.	0.4135E-02	-0.5527E+02	0.3009E-02	-0.1614E+03	0.4240E-02	0.1663E+03
13.	0.3837E-02	-0.3212E+02	0.2054E-02	-0.2105E+02	0.2056E-02	0.5757E+00
14.	0.6951E-02	-0.6080E+02	0.4774E-02	-0.2320E+02	0.4210E-02	-0.7612E+01
15.	0.2976E-02	-0.5238E+02	0.1825E-02	-0.4381E+02	0.1072E-02	-0.4746E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1303E+02	0.0000E+00	0.1303E+02	0.0000E+00	0.1314E+02	0.0000E+00
1.	0.4428E+00	-0.8923E+02	0.1988E+00	-0.9417E+02	0.1300E+00	-0.1009E+03
2.	0.1272E+00	-0.1049E+02	0.7162E-01	-0.1318E+02	0.5758E-01	-0.1349E+02
3.	0.4694E-01	-0.3088E+02	0.2177E-01	-0.3694E+02	0.1653E-01	-0.4108E+02
4.	0.2813E-01	0.6766E+02	0.1718E-01	0.6950E+02	0.1405E-01	0.6806E+02
5.	0.1257E-01	-0.1300E+03	0.8150E-02	-0.1330E+03	0.7021E-02	-0.1376E+03
6.	0.2057E-01	-0.1209E+02	0.1133E-01	-0.5081E+01	0.9624E-02	-0.3229E+00
7.	0.1175E-01	0.2800E+02	0.6830E-02	-0.2265E+02	0.6584E-02	-0.3570E+02
8.	0.5614E-02	0.1131E+03	0.2131E-02	0.9706E+02	0.6954E-03	0.4271E+02
9.	0.3706E-02	-0.1027E+03	0.3919E-02	-0.1193E+03	0.3162E-02	-0.1190E+03
10.	0.3615E-02	0.2279E+02	0.7188E-03	0.1286E+03	0.8865E-04	0.1289E+03
11.	0.5350E-02	0.9859E+02	0.4387E-02	0.1169E+03	0.4200E-02	0.1115E+03
12.	0.4795E-02	0.1576E+03	0.3849E-02	0.1530E+03	0.4355E-02	0.1500E+03
13.	0.9243E-03	0.4708E+02	0.3002E-02	0.1258E+03	0.2170E-02	0.1193E+03
14.	0.2574E-02	-0.3690E+02	0.1924E-02	-0.4139E+02	0.2142E-02	-0.4546E+02
15.	0.3099E-03	-0.1518E+03	0.1049E-02	-0.1616E+03	0.1227E-02	-0.1484E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1338E+02	0.0000E+00	0.1319E+02	0.0000E+00
1.	0.7220E-01	-0.1159E+03	0.6831E-01	0.1186E+03
2.	0.3269E-01	-0.1740E+02	0.1330E-01	-0.4721E+02
3.	0.1004E-01	-0.5729E+02	0.4876E-02	-0.7282E+02
4.	0.8614E-02	0.6498E+02	0.6978E-02	0.7354E+02
5.	0.3047E-02	-0.1364E+03	0.2327E-02	-0.1770E+03
6.	0.5223E-02	0.1766E+02	0.5162E-02	0.3279E+02
7.	0.4382E-02	-0.5283E+02	0.7793E-02	-0.7178E+02
8.	0.1978E-02	0.1890E+02	0.2212E-02	-0.3022E+02
9.	0.4081E-03	-0.8115E+02	0.1441E-02	-0.1220E+03
10.	0.1227E-02	0.1304E+03	0.2734E-02	0.1612E+03
11.	0.2593E-02	0.1332E+03	0.3565E-02	0.1098E+03
12.	0.2265E-02	0.1418E+03	0.3710E-02	0.1262E+03
13.	0.1878E-02	0.1219E+03	0.3481E-02	0.1115E+03
14.	0.1612E-02	-0.4524E+02	0.1938E-02	-0.7221E+02
15.	0.1043E-02	-0.1322E+03	0.1969E-02	-0.1528E+03

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Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1384E+02	0.0000E+00	0.1285E+02	0.0000E+00	0.1258E+02	0.0000E+00
1.	0.4578E+00	-0.5104E+02	0.8943E+00	-0.7090E+02	0.9267E+00	-0.7816E+02
2.	0.9586E-01	0.6087E+02	0.1398E+00	0.2624E+02	0.1381E+00	0.1557E+02
3.	0.1736E+00	-0.4704E+02	0.1159E+00	-0.3464E+02	0.8874E-01	-0.3972E+02
4.	0.9385E-01	0.4360E+02	0.8631E-01	0.5006E+02	0.7110E-01	0.4847E+02
5.	0.9336E-02	0.1005E+03	0.1970E-01	0.1385E+03	0.2175E-01	0.9620E+02
6.	0.4285E-01	-0.3714E+02	0.4739E-01	-0.1661E+02	0.3009E-01	-0.2487E+02
7.	0.3849E-01	0.6589E+01	0.4411E-01	-0.2307E+02	0.3716E-01	-0.7780E+00
8.	0.2182E-01	0.6231E+02	0.1777E-01	0.3819E+02	0.2016E-01	0.5168E+02
9.	0.7711E-02	0.1579E+03	0.1256E-01	0.1855E+03	0.1042E-01	0.1425E+03
10.	0.6436E-02	-0.4857E+02	0.3970E-02	0.1558E+03	0.2669E-02	-0.1278E+03
11.	0.1849E-01	0.1820E+02	0.2354E-01	0.6782E+02	0.1278E-01	0.3094E+02
12.	0.1466E-01	0.6736E+02	0.2318E-01	0.9049E+02	0.1658E-01	0.6514E+02
13.	0.5883E-02	0.6935E+02	0.1882E-01	0.8109E+02	0.1203E-01	0.8463E+02
14.	0.1051E-01	0.2296E+01	0.1583E-01	-0.2614E+02	0.6666E-02	-0.1464E+02
15.	0.6040E-02	0.3893E+02	0.9095E-02	-0.2687E+02	0.5921E-02	0.1651E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1306E+02	0.0000E+00	0.1304E+02	0.0000E+00	0.1316E+02	0.0000E+00
1.	0.4499E+00	-0.8516E+02	0.3705E+00	-0.8709E+02	0.2368E+00	-0.9277E+02
2.	0.6463E-01	0.8055E+01	0.5016E-01	0.7233E+01	0.3591E-01	0.3480E+01
3.	0.3441E-01	-0.3699E+02	0.2784E-01	-0.3662E+02	0.2163E-01	-0.4783E+02
4.	0.2981E-01	0.5898E+02	0.2514E-01	0.5413E+02	0.2050E-01	0.6002E+02
5.	0.9020E-02	0.8566E+02	0.6293E-02	0.9601E+02	0.4275E-02	0.8322E+02
6.	0.1049E-01	-0.2024E+02	0.1054E-01	-0.1532E+02	0.8254E-02	-0.2132E+02
7.	0.1404E-01	-0.1837E+01	0.1267E-01	-0.1433E+02	0.1056E-01	-0.2091E+02
8.	0.8311E-02	0.4527E+02	0.6299E-02	0.3986E+02	0.3197E-02	0.1431E+02
9.	0.3354E-02	0.1350E+03	0.2594E-02	0.1376E+03	0.1965E-02	-0.1778E+03
10.	0.1930E-02	0.1727E+03	0.1721E-02	0.1756E+03	0.2924E-02	0.1669E+03
11.	0.3953E-02	0.3946E+02	0.3076E-02	0.5870E+02	0.2378E-02	0.7010E+02
12.	0.6185E-02	0.6823E+02	0.5477E-02	0.6448E+02	0.3766E-02	0.7381E+02
13.	0.5302E-02	0.9808E+02	0.5878E-02	0.9068E+02	0.5210E-02	0.9234E+02
14.	0.1770E-02	0.4875E+02	0.2295E-02	0.2970E+02	0.2532E-02	0.1800E+02
15.	0.8915E-03	-0.2315E+02	0.1005E-02	-0.6794E+02	0.1747E-02	-0.7594E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1325E+02	0.0000E+00	0.1318E+02	0.0000E+00
1.	0.1311E+00	-0.1041E+03	0.4415E-01	0.1365E+03
2.	0.2053E-01	-0.1632E+01	0.8994E-02	-0.1454E+03
3.	0.1240E-01	-0.5889E+02	0.4910E-02	-0.8196E+02
4.	0.1327E-01	0.5810E+02	0.5945E-02	0.5900E+02
5.	0.1263E-02	0.7953E+02	0.1214E-02	-0.1037E+03
6.	0.7002E-02	-0.1662E+02	0.3537E-02	-0.1127E+02
7.	0.9531E-02	-0.3422E+02	0.5339E-02	-0.6757E+02
8.	0.2509E-02	-0.2608E+01	0.1416E-02	-0.6793E+02
9.	0.1720E-02	-0.1547E+03	0.1243E-02	-0.1305E+03
10.	0.2475E-02	0.1621E+03	0.1891E-02	0.1393E+03
11.	0.2874E-02	0.1051E+03	0.1843E-02	0.9687E+02
12.	0.3039E-02	0.8138E+02	0.1144E-02	0.1242E+03
13.	0.5106E-02	0.8046E+02	0.2521E-02	0.8793E+02
14.	0.2983E-02	0.1530E+02	0.1639E-02	-0.1745E+02
15.	0.2078E-02	-0.9069E+02	0.5610E-03	-0.1043E+03

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1525E+02	0.0000E+00	0.1371E+02	0.0000E+00	0.1247E+02	0.0000E+00
1.	0.6402E+00	0.4540E+02	0.0143E+00	-0.5466E+02	0.1641E+01	-0.7019E+02
2.	0.2492E+00	0.1103E+03	0.1048E+00	0.1205E+03	0.1407E+00	0.6315E+02
3.	0.2864E+00	-0.6150E+02	0.2234E+00	-0.6342E+02	0.1442E+00	-0.6595E+02
4.	0.7264E-01	0.9308E+01	0.8598E-01	0.2249E+02	0.8550E-01	0.2369E+02
5.	0.1073E-01	-0.7906E+01	0.2925E-01	0.5230E+02	0.3919E-01	0.8304E+02
6.	0.1679E-01	-0.9930E+02	0.2246E-01	-0.6764E+02	0.2081E-01	-0.5398E+02
7.	0.1096E-01	-0.5443E+02	0.3176E-01	-0.5314E+02	0.4379E-01	-0.5267E+02
8.	0.1895E-01	0.3639E+02	0.1015E-01	0.1732E+02	0.2130E-01	0.2071E+01
9.	0.1670E-01	0.1044E+03	0.1732E-01	0.1284E+03	0.1881E-01	0.1222E+03
10.	0.1406E-01	-0.1578E+03	0.2093E-01	-0.1713E+03	0.2758E-01	-0.1774E+03
11.	0.1250E-01	-0.7059E+02	0.1201E-01	-0.6766E+02	0.7556E-02	-0.7039E+02
12.	0.5064E-02	0.3040E+01	0.1055E-01	0.1766E+02	0.1334E-01	0.1240E+02
13.	0.9046E-02	0.1291E+03	0.8019E-02	0.1069E+03	0.1631E-01	0.6793E+02
14.	0.8244E-02	-0.1472E+03	0.7210E-02	-0.1175E+03	0.4432E-02	-0.1470E+03
15.	0.6353E-02	-0.7303E+02	0.7561E-02	-0.8603E+02	0.0454E-02	-0.9621E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1200E+02	0.0000E+00	0.1249E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.1508E+01	-0.7481E+02	0.0451E+00	-0.8169E+02	0.5170E+00	-0.8509E+02
2.	0.1609E+00	0.3182E+02	0.0562E-01	0.1212E+02	0.3085E-01	0.1304E+02
3.	0.8119E-01	-0.0159E+02	0.3198E-01	-0.4051E+02	0.2788E-01	-0.5456E+02
4.	0.6103E-01	0.3078E+02	0.2048E-01	0.4563E+02	0.1934E-01	0.4327E+02
5.	0.3762E-01	0.8790E+02	0.1294E-01	0.7825E+02	0.0455E-02	0.4900E+02
6.	0.1117E-01	-0.5669E+02	0.9048E-02	-0.1927E+02	0.7345E-02	-0.2908E+02
7.	0.4552E-01	-0.6121E+02	0.1961E-01	-0.5595E+02	0.1411E-01	-0.5873E+02
8.	0.1933E-01	-0.4115E+01	0.1144E-01	-0.1708E+02	0.7423E-02	-0.3219E+02
9.	0.1446E-01	0.1290E+03	0.3659E-02	0.8705E+02	0.2550E-02	0.4459E+02
10.	0.2767E-01	0.1782E+03	0.8215E-02	0.1564E+03	0.4899E-02	0.1465E+03
11.	0.4209E-02	-0.1122E+03	0.2787E-02	0.1525E+03	0.7070E-03	0.1276E+03
12.	0.1133E-01	0.1285E+02	0.4043E-02	-0.5981E+01	0.2786E-02	0.1771E+02
13.	0.1882E-01	0.6279E+02	0.1040E-01	0.5952E+02	0.5127E-02	0.4487E+02
14.	0.2001E-02	-0.1722E+03	0.2533E-02	0.5468E+02	0.1773E-02	0.4829E+02
15.	0.1005E-01	-0.1227E+03	0.2072E-02	-0.1404E+03	0.1552E-02	-0.1303E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1275E+02	0.0000E+00	0.1296E+02	0.0000E+00	0.1315E+02	0.0000E+00
1.	0.4160E+00	-0.8866E+02	0.3378E+00	-0.8963E+02	0.1874E+00	-0.1022E+03
2.	0.1998E-01	0.6561E+01	0.1100E-01	0.1294E+02	0.4417E-02	0.5029E+02
3.	0.2528E-01	-0.5885E+02	0.2053E-01	-0.6224E+02	0.1210E-01	-0.7750E+02
4.	0.1061E-01	0.3857E+02	0.1459E-01	0.4691E+02	0.7150E-02	0.4920E+02
5.	0.8357E-02	0.4325E+02	0.6435E-02	0.3594E+02	0.4845E-02	-0.3260E+01
6.	0.7578E-02	-0.2737E+02	0.7163E-02	-0.3263E+02	0.5640E-02	-0.3820E+02
7.	0.1143E-01	-0.5566E+02	0.1119E-01	-0.5933E+02	0.9939E-02	-0.7341E+02
8.	0.7053E-02	-0.3711E+02	0.6275E-02	-0.4099E+02	0.4934E-02	-0.5583E+02
9.	0.2158E-02	0.2462E+02	0.1448E-02	0.1237E+02	0.7887E-03	-0.4179E+02
10.	0.3516E-02	0.1287E+03	0.3788E-02	0.1294E+03	0.3101E-02	0.1256E+03
11.	0.1631E-02	0.1472E+03	0.2565E-02	0.1148E+03	0.2599E-02	0.1057E+03
12.	0.3957E-02	-0.1937E+01	0.1690E-02	0.2034E+02	0.7767E-03	0.3722E+02
13.	0.4189E-02	0.3751E+02	0.3681E-02	0.3854E+02	0.2704E-02	0.3917E+02
14.	0.1893E-02	0.1003E+02	0.2514E-02	0.1631E+02	0.2064E-02	0.1153E+02
15.	0.1113E-02	-0.7304E+02	0.0747E-03	-0.9834E+02	0.5325E-03	0.1779E+03



Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1316E+02	0.0000E+00
1.	0.3374E-01	0.1430E+03
2.	0.1417E-01	0.1703E+03
3.	0.4751E-02	-0.1138E+03
4.	0.2113E-02	0.5702E+02
5.	0.2454E-02	-0.8083E+02
6.	0.4210E-02	-0.3021E+02
7.	0.5109E-02	-0.6319E+02
8.	0.2165E-02	-0.9623E+02
9.	0.1339E-02	-0.1151E+03
10.	0.1007E-02	0.1171E+03
11.	0.1923E-02	0.1023E+03
12.	0.7560E-03	0.8264E+02
13.	0.1554E-02	0.5838E+02
14.	0.1838E-02	-0.2760E+02
15.	0.1067E-02	-0.3518E+02

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1482E+02	0.0000E+00	0.1327E+02	0.0000E+00	0.1178E+02	0.0000E+00
1.	0.5455E+00	0.1257E+02	0.1317E+01	-0.5919E+02	0.1984E+01	-0.7180E+02
2.	0.2501E+00	0.1288E+03	0.1863E+00	0.1339E+03	0.1906E+00	0.5675E+02
3.	0.2738E+00	-0.6091E+02	0.2368E+00	-0.6272E+02	0.1311E+00	-0.7522E+02
4.	0.7735E-01	0.1084E+01	0.9730E-01	0.1012E+02	0.1056E+00	0.1020E+02
5.	0.3409E-01	0.1174E+02	0.4718E-01	0.3018E+02	0.0201E-01	0.6718E+02
6.	0.1233E-01	-0.3902E+02	0.2763E-01	-0.1907E+02	0.1741E-01	-0.5829E+02
7.	0.1761E-01	-0.4091E+02	0.3706E-01	-0.5290E+02	0.5268E-01	-0.5358E+02
8.	0.1755E-01	0.2171E+02	0.2338E-01	-0.4566E+01	0.3202E-01	-0.2617E+01
9.	0.1653E-01	0.1021E+03	0.1783E-01	0.1021E+03	0.1961E-01	0.1010E+03
10.	0.1498E-01	0.1734E+03	0.2021E-01	0.1667E+03	0.2642E-01	0.1736E+03
11.	0.8219E-02	-0.1273E+03	0.5414E-02	-0.1187E+03	0.1226E-01	-0.9785E+02
12.	0.8637E-02	-0.2553E+02	0.1127E-01	-0.1050E+02	0.1781E-01	-0.5506E+01
13.	0.1085E-01	0.7964E+02	0.1298E-01	0.5505E+02	0.2078E-01	0.5333E+02
14.	0.4572E-02	-0.1784E+03	0.2791E-02	0.1637E+03	0.8091E-02	0.1279E+03
15.	0.6129E-02	-0.1098E+03	0.1148E-01	-0.1113E+03	0.1380E-01	-0.1229E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1191E+02	0.0000E+00	0.1240E+02	0.0000E+00	0.1262E+02	0.0000E+00
1.	0.1576E+01	-0.7532E+02	0.1541E+01	-0.7781E+02	0.8489E+00	-0.8354E+02
2.	0.1619E+00	0.3604E+02	0.2025E+00	0.2097E+02	0.6788E-01	0.1288E+02
3.	0.6883E-01	-0.6948E+02	0.2884E-01	-0.3365E+02	0.2926E-01	-0.3903E+02
4.	0.6379E-01	0.1442E+02	0.4123E-01	0.2587E+02	0.2082E-01	0.3131E+02
5.	0.4195E-01	0.5860E+02	0.2958E-01	0.5798E+02	0.1305E-01	0.3368E+02
6.	0.1048E-01	-0.4365E+02	0.1014E-01	-0.2698E+02	0.8245E-02	-0.2147E+02
7.	0.3915E-01	-0.6042E+02	0.3902E-01	-0.6341E+02	0.2240E-01	-0.7680E+02
8.	0.2668E-01	-0.8525E+01	0.2602E-01	-0.1263E+02	0.1411E-01	-0.2629E+02
9.	0.1586E-01	0.8750E+02	0.1583E-01	0.7764E+02	0.9008E-02	0.2955E+02
10.	0.1999E-01	0.1623E+03	0.1664E-01	0.1596E+03	0.6240E-02	0.1144E+03
11.	0.7650E-02	-0.1413E+03	0.7554E-02	-0.1334E+03	0.1637E-02	0.1315E+03
12.	0.1096E-01	-0.1532E+02	0.1004E-01	-0.2951E+02	0.1916E-02	-0.4178E+02
13.	0.1572E-01	0.4389E+02	0.1681E-01	0.5474E+02	0.6576E-02	0.3047E+02
14.	0.6412E-02	0.9630E+02	0.6070E-02	0.9853E+02	0.3767E-02	0.4824E+02
15.	0.1053E-01	-0.1431E+03	0.8247E-02	-0.1456E+03	0.3330E-02	-0.1758E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1295E+02	0.0000E+00	0.1277E+02	0.0000E+00	0.1312E+02	0.0000E+00
1.	0.6766E+00	-0.8500E+02	0.4898E+00	-0.8655E+02	0.3918E+00	-0.8995E+02
2.	0.3743E-01	0.1175E+02	0.1686E-01	0.2782E+02	0.6837E-02	0.6744E+02
3.	0.3011E-01	-0.4993E+02	0.2145E-01	-0.5386E+02	0.2059E-01	-0.6008E+02
4.	0.1769E-01	0.3270E+02	0.1171E-01	0.2532E+02	0.9767E-02	0.2555E+02
5.	0.1324E-01	0.2902E+02	0.8650E-02	0.8589E+01	0.8323E-02	0.6371E+01
6.	0.9957E-02	-0.2329E+02	0.1016E-01	-0.2303E+02	0.9614E-02	-0.2969E+02
7.	0.1715E-01	-0.6923E+02	0.1843E-01	-0.7691E+02	0.1365E-01	-0.7198E+02
8.	0.1118E-01	-0.3485E+02	0.1118E-01	-0.3667E+02	0.8788E-02	-0.3654E+02
9.	0.7651E-02	0.2779E+02	0.7766E-02	0.1564E+02	0.6367E-02	0.1643E+02
10.	0.5893E-02	0.1140E+03	0.4315E-02	0.1032E+03	0.3364E-02	0.8846E+02
11.	0.1657E-02	0.1021E+03	0.2584E-02	0.7385E+02	0.2008E-02	0.7685E+02
12.	0.1697E-02	-0.1150E+02	0.8684E-03	0.1234E+03	0.6295E-03	-0.1533E+02
13.	0.5428E-02	0.3061E+02	0.3670E-02	0.3840E+02	0.3356E-02	0.2419E+02
14.	0.3397E-02	0.4792E+02	0.2883E-02	0.1852E+02	0.2117E-02	0.2002E+02
15.	0.3099E-02	-0.1799E+03	0.4015E-02	-0.1725E+03	0.1842E-02	0.1614E+03

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.66		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1268E+02	0.0000E+00	0.1321E+02	0.0000E+00	0.1310E+02	0.0000E+00
1.	0.2316E+00	-0.9304E+02	0.2466E+00	-0.9459E+02	0.1388E+00	-0.1107E+03
2.	0.5555E-01	0.1683E+03	0.8313E-02	0.1643E+03	0.1491E-01	0.1601E+03
3.	0.2691E-01	-0.8228E+02	0.2035E-01	-0.7655E+02	0.1300E-01	-0.8306E+02
4.	0.8905E-02	0.1356E+03	0.6878E-02	0.4085E+02	0.3210E-02	0.5354E+02
5.	0.1300E-01	-0.5063E+02	0.8054E-02	0.5639E+01	0.5271E-02	-0.2620E+02
6.	0.6710E-02	-0.2094E+02	0.8710E-02	-0.4403E+02	0.6969E-02	-0.5009E+02
7.	0.1210E-01	-0.7078E+02	0.8908E-02	-0.5557E+02	0.8436E-02	-0.7621E+02
8.	0.4454E-02	-0.6739E+02	0.5223E-02	-0.6626E+02	0.4517E-02	-0.7209E+02
9.	0.5332E-02	-0.9341E+02	0.1667E-02	-0.1024E+02	0.2367E-02	-0.2146E+02
10.	0.1009E-02	-0.3572E+02	0.3004E-02	0.1039E+03	0.2107E-02	0.8715E+02
11.	0.1149E-02	-0.2228E+02	0.1903E-02	0.6435E+02	0.1754E-02	0.7136E+02
12.	0.2647E-02	-0.5846E+01	0.2113E-02	-0.1250E+02	0.9476E-03	-0.1287E+02
13.	0.1912E-02	0.1400E+02	0.1913E-02	0.1281E+02	0.2171E-02	0.1226E+02
14.	0.2993E-02	-0.1886E+02	0.1191E-02	-0.6410E+01	0.1302E-02	-0.5310E+01
15.	0.1118E-02	0.1452E+01	0.1209E-02	0.1342E+03	0.5861E-03	0.1324E+03

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1457E+02	0.0000E+00	0.1224E+02	0.0000E+00	0.1194E+02	0.0000E+00
1.	0.6979E+00	-0.1127E+02	0.1819E+01	-0.6337E+02	0.1404E+01	-0.8305E+02
2.	0.3213E+00	0.1499E+03	0.2148E+00	0.1436E+03	0.1273E+00	0.9403E+00
3.	0.3062E+00	-0.6210E+02	0.2841E+00	-0.6883E+02	0.4973E-01	-0.3578E+02
4.	0.1015E+00	-0.1829E+02	0.1401E+00	-0.3653E+00	0.4159E-01	0.2918E+02
5.	0.7352E-01	0.4812E+01	0.8307E-01	0.2819E+02	0.2582E-01	0.5691E+02
6.	0.2206E-01	-0.1820E+02	0.3414E-01	-0.7830E+01	0.1357E-01	-0.1355E+01
7.	0.2262E-01	-0.5033E+02	0.4079E-01	-0.4958E+02	0.2549E-01	-0.5728E+02
8.	0.1951E-01	-0.1072E+02	0.2789E-01	-0.1659E+02	0.1684E-01	-0.4113E+02
9.	0.2206E-01	0.6371E+02	0.2135E-01	0.7162E+02	0.7761E-02	0.2102E+02
10.	0.1443E-01	0.1264E+03	0.2325E-01	0.1350E+03	0.1001E-01	0.1104E+03
11.	0.8304E-02	-0.1555E+02	0.1114E-01	-0.1640E+03	0.8753E-02	0.1237E+03
12.	0.1382E-01	-0.6062E+02	0.1789E-01	-0.4876E+02	0.1115E-02	-0.9518E+02
13.	0.1037E-01	0.1635E+02	0.1838E-01	0.2233E+02	0.8653E-02	0.1126E+02
14.	0.7443E-02	0.9982E+02	0.8002E-02	0.1098E+03	0.8692E-02	0.1255E+02
15.	0.1055E-01	-0.1690E+03	0.1425E-01	-0.1507E+03	0.4443E-02	0.1388E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1256E+02	0.0000E+00	0.1266E+02	0.0000E+00	0.1309E+02	0.0000E+00
1.	0.6110E+00	-0.8545E+02	0.4001E+00	-0.9189E+02	0.1173E+00	-0.9714E+02
2.	0.2622E-01	0.4276E+02	0.2418E-01	0.1147E+03	0.3404E-01	0.1158E+03
3.	0.2321E-01	-0.5886E+02	0.1849E-01	-0.5831E+02	0.3013E-02	-0.1673E+02
4.	0.1339E-01	0.4067E+02	0.8857E-02	0.6380E+02	0.6018E-02	0.1444E+03
5.	0.4729E-02	0.2656E+02	0.4999E-02	-0.4951E+01	0.6652E-02	-0.8955E+02
6.	0.1371E-01	-0.7438E+01	0.8693E-02	-0.2432E+02	0.7011E-02	-0.5065E+02
7.	0.1756E-01	-0.6580E+02	0.1073E-01	-0.6585E+02	0.1010E-01	-0.8320E+02
8.	0.9146E-02	-0.5501E+02	0.5967E-02	-0.4833E+02	0.2489E-02	-0.6827E+02
9.	0.2479E-02	-0.4228E+02	0.3511E-02	-0.3066E+02	0.1357E-02	-0.1162E+03
10.	0.4950E-02	0.1321E+03	0.1538E-02	0.9591E+02	0.1635E-02	0.1739E+03
11.	0.4893E-02	0.9873E+02	0.2212E-02	0.8806E+02	0.2282E-02	0.7698E+02
12.	0.3356E-02	0.6558E+02	0.8949E-03	0.2873E+02	0.1286E-02	0.9543E+02
13.	0.6031E-02	0.4825E+02	0.3033E-02	0.4537E+02	0.2486E-02	0.3608E+02
14.	0.6173E-02	0.1653E+01	0.1917E-02	0.1427E+02	0.1831E-02	-0.2325E+02
15.	0.2263E-02	-0.1294E+03	0.4750E-03	0.1510E+03	0.6277E-03	0.1676E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1339E+02	0.0000E+00
1.	0.1701E+00	0.9885E+02
2.	0.3154E-01	0.1657E+03
3.	0.4034E-02	0.3888E+02
4.	0.3053E-02	-0.1786E+03
5.	0.7619E-02	-0.1067E+03
6.	0.4683E-02	-0.4358E+02
7.	0.4777E-02	-0.1118E+03
8.	0.1692E-02	-0.1082E+03
9.	0.1637E-02	-0.8135E+02
10.	0.5343E-03	-0.1008E+03
11.	0.1541E-02	0.4242E+02
12.	0.1287E-02	0.9849E+02
13.	0.6448E-03	0.3766E+02
14.	0.1669E-02	-0.3923E+02
15.	0.1466E-02	-0.7210E+01

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1478E+02	0.0000E+00	0.1268E+02	0.0000E+00	0.1121E+02	0.0000E+00
1.	0.5898E+00	0.2507E+01	0.1622E+01	-0.6522E+02	0.2278E+01	-0.7725E+02
2.	0.3135E+00	0.1587E+03	0.2013E+00	0.1565E+03	0.2623E+00	0.2159E+02
3.	0.2546E+00	-0.6447E+02	0.2526E+00	-0.7031E+02	0.6873E-01	-0.8462E+02
4.	0.9457E-01	-0.2628E+02	0.1164E+00	-0.9488E+01	0.1061E+00	-0.1460E+02
5.	0.7190E-01	-0.1198E+01	0.7942E-01	0.1412E+02	0.9224E-01	0.4715E+02
6.	0.2712E-01	-0.1207E+02	0.3665E-01	-0.3205E+01	0.1172E-01	0.1757E+03
7.	0.2677E-01	-0.6347E+02	0.3855E-01	-0.5970E+02	0.6901E-01	-0.7267E+02
8.	0.1598E-01	-0.3088E+02	0.2492E-01	-0.4347E+02	0.4212E-01	-0.1728E+02
9.	0.1653E-01	0.5572E+02	0.1648E-01	0.5603E+02	0.2716E-01	0.7291E+02
10.	0.1528E-01	0.1168E+03	0.1938E-01	0.1138E+03	0.2699E-01	0.1312E+03
11.	0.9481E-02	0.1542E+03	0.1265E-01	0.1468E+03	0.1507E-01	0.1615E+03
12.	0.1051E-01	-0.8903E+02	0.1409E-01	-0.7857E+02	0.1564E-01	-0.7904E+02
13.	0.9039E-02	-0.3556E+01	0.1633E-01	-0.6698E+00	0.2290E-01	0.5951E+00
14.	0.6135E-02	0.5182E+02	0.2191E-02	0.2893E+02	0.1586E-01	0.3979E+02
15.	0.8316E-02	0.1753E+03	0.7958E-02	0.1709E+03	0.1602E-01	0.1628E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1148E+02	0.0000E+00	0.1122E+02	0.0000E+00	0.1201E+02	0.0000E+00
1.	0.1807E+01	-0.8167E+02	0.1826E+01	-0.8302E+02	0.1285E+01	-0.8438E+02
2.	0.1164E+00	-0.4032E+00	0.3003E+00	0.6218E+01	0.1167E+00	0.4737E+01
3.	0.9067E-01	-0.5459E+02	0.0671E-01	0.7511E+02	0.3779E-01	-0.3691E+02
4.	0.7444E-01	0.1384E+02	0.2707E-01	-0.1570E+03	0.2992E-01	0.2690E+02
5.	0.4197E-01	0.5991E+02	0.5828E-01	-0.2126E+02	0.2254E-01	0.5026E+02
6.	0.1220E-01	-0.2708E+02	0.4909E-01	0.3971E+02	0.9559E-02	-0.1021E+02
7.	0.3277E-01	-0.6106E+02	0.2304E-01	-0.1283E+03	0.1890E-01	-0.5828E+02
8.	0.1825E-01	-0.4737E+02	0.4385E-01	-0.5763E+02	0.1279E-01	-0.4114E+02
9.	0.7332E-02	0.8162E+01	0.3775E-01	0.3738E+02	0.7762E-02	0.1497E+02
10.	0.1271E-01	0.8798E+02	0.4210E-01	0.1331E+03	0.7544E-02	0.9377E+02
11.	0.1477E-01	0.1153E+03	0.2984E-01	-0.1367E+03	0.5329E-02	0.1062E+03
12.	0.6871E-02	-0.1247E+03	0.2987E-01	-0.2671E+02	0.2884E-03	0.1059E+03
13.	0.1088E-01	-0.7797E+01	0.3041E-01	0.5105E+02	0.8055E-02	0.1074E+02
14.	0.1047E-01	-0.5978E+00	0.1436E-01	0.1195E+03	0.6400E-02	0.1932E+02
15.	0.4657E-02	0.1274E+03	0.1444E-01	-0.1521E+03	0.3028E-02	0.1488E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1221E+02	0.0000E+00	0.1245E+02	0.0000E+00	0.1273E+02	0.0000E+00
1.	0.7559E+00	-0.8476E+02	0.5349E+00	-0.8753E+02	0.4367E+00	-0.8711E+02
2.	0.4485E-01	0.4823E+02	0.3698E-01	0.8211E+02	0.4559E-01	0.9600E+02
3.	0.2880E-01	-0.5988E+02	0.2500E-01	-0.6500E+02	0.2210E-01	-0.6568E+02
4.	0.1353E-01	0.3651E+02	0.8577E-02	0.3628E+02	0.6885E-02	0.7203E+02
5.	0.9022E-02	0.3595E+02	0.4734E-02	0.5258E+01	0.3771E-02	-0.1847E+02
6.	0.9453E-02	-0.1264E+02	0.8518E-02	-0.2980E+02	0.9767E-02	-0.3712E+02
7.	0.1271E-01	-0.6184E+02	0.1069E-01	-0.7792E+02	0.1110E-01	-0.8053E+02
8.	0.8153E-02	-0.4369E+02	0.6444E-02	-0.6257E+02	0.5844E-02	-0.6660E+02
9.	0.3964E-02	0.1615E+02	0.3286E-02	0.1706E+01	0.2245E-02	-0.2103E+02
10.	0.3117E-02	0.8970E+02	0.1832E-02	0.7172E+02	0.2655E-02	0.8998E+02
11.	0.3151E-02	0.8949E+02	0.3004E-02	0.6475E+02	0.3968E-02	0.6145E+02
12.	0.1353E-02	0.1590E+02	0.1205E-02	0.4149E+02	0.1679E-02	0.5995E+02
13.	0.4701E-02	0.3375E+02	0.2675E-02	0.3608E+02	0.3473E-02	0.3600E+02
14.	0.3221E-02	0.2484E+02	0.2067E-02	-0.1741E+02	0.1939E-02	-0.3204E+02
15.	0.1530E-02	0.1745E+03	0.1072E-02	0.1185E+03	0.1409E-02	0.1490E+03

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1294E+02	0.0000E+00	0.1288E+02	0.0000E+00	0.1302E+02	0.0000E+00
1.	0.8388E-02	-0.1083E+03	0.1015E+00	-0.8859E+02	0.9312E-01	-0.9363E+02
2.	0.7684E-02	0.1430E+03	0.5364E-01	0.1015E+03	0.4850E-01	0.9872E+02
3.	0.6618E-02	0.3363E+02	0.1312E-01	-0.4949E+02	0.7899E-02	-0.2541E+02
4.	0.5332E-02	-0.7712E+02	0.6680E-02	0.1229E+03	0.8796E-02	0.1340E+03
5.	0.3997E-02	0.1697E+03	0.4153E-02	-0.1005E+03	0.6227E-02	-0.1222E+03
6.	0.2792E-02	0.5208E+02	0.6311E-02	-0.6858E+02	0.6334E-02	-0.7267E+02
7.	0.1883E-02	-0.7292E+02	0.6623E-02	-0.8011E+02	0.6147E-02	-0.8523E+02
8.	0.1370E-02	0.1542E+03	0.2496E-02	-0.6835E+02	0.1899E-02	-0.9284E+02
9.	0.1153E-02	0.2167E+02	0.1377E-02	-0.2362E+02	0.1376E-02	-0.6148E+02
10.	0.9836E-03	-0.1039E+03	0.7050E-03	0.4438E+02	0.3690E-03	0.1407E+03
11.	0.7264E-03	0.1344E+03	0.1475E-02	0.3947E+02	0.1459E-02	0.3635E+02
12.	0.3973E-03	0.5928E+01	0.9198E-03	0.2356E+02	0.4916E-03	0.6712E+02
13.	0.2164E-03	-0.1771E+03	0.1790E-02	0.1300E+02	0.1698E-02	0.1058E+02
14.	0.4486E-03	0.2415E+02	0.3529E-03	-0.3868E+02	0.4680E-03	0.9468E+01
15.	0.6727E-03	-0.9588E+02	0.2961E-03	0.1375E+03	0.3297E-03	0.1224E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1302E+02	0.0000E+00
1.	0.8632E-01	0.8015E+02
2.	0.4459E-01	0.1565E+03
3.	0.8887E-02	-0.1673E+03
4.	0.1312E-01	0.1691E+03
5.	0.1024E-01	-0.1303E+03
6.	0.3767E-02	-0.1044E+03
7.	0.3099E-02	-0.9709E+02
8.	0.1289E-02	-0.7900E+02
9.	0.1704E-02	-0.9347E+02
10.	0.1428E-02	-0.4433E+02
11.	0.6379E-03	0.2705E+01
12.	0.3587E-03	0.1653E+03
13.	0.1063E-02	-0.9709E+02
14.	0.1045E-02	-0.2917E+02
15.	0.8340E-03	0.1421E+02

Table IV-6b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1450E+02	0.0000E+00	0.1225E+02	0.0000E+00	0.1146E+02	0.0000E+00
1.	0.4004E+00	-0.1702E+02	0.1545E+01	-0.7658E+02	0.1253E+01	-0.9196E+02
2.	0.3076E+00	0.1740E+03	0.1542E+00	-0.1756E+03	0.7736E-01	-0.2315E+02
3.	0.2165E+00	-0.7200E+02	0.2124E+00	-0.7353E+02	0.5780E-01	-0.5312E+02
4.	0.1054E+00	-0.3220E+02	0.1111E+00	-0.1635E+02	0.4251E-01	0.7110E+01
5.	0.7977E-01	-0.4082E+01	0.7984E-01	0.9033E+01	0.2895E-01	0.5110E+02
6.	0.4046E-01	-0.1071E+02	0.4815E-01	-0.3752E+01	0.1214E-01	0.2405E+02
7.	0.3353E-01	-0.6298E+02	0.3811E-01	-0.4576E+02	0.2183E-01	-0.6792E+02
8.	0.1739E-01	-0.6246E+02	0.2235E-01	-0.4995E+02	0.1302E-01	-0.6409E+02
9.	0.1194E-01	0.3927E+02	0.1287E-01	0.3612E+02	0.4305E-02	-0.2447E+02
10.	0.1642E-01	0.1003E+03	0.1993E-01	0.1059E+03	0.5580E-02	0.8869E+02
11.	0.1608E-01	0.1325E+03	0.1454E-01	0.1311E+03	0.1060E-01	0.1095E+03
12.	0.9556E-02	-0.1001E+03	0.9083E-02	-0.8658E+02	0.2759E-02	0.1388E+03
13.	0.9307E-02	-0.2678E+02	0.1417E-01	-0.1483E+02	0.3839E-02	0.3257E+02
14.	0.7927E-02	-0.1189E+02	0.1116E-01	0.5072E+01	0.7207E-02	-0.1584E+02
15.	0.7631E-02	0.1647E+03	0.7548E-02	0.1619E+03	0.1726E-02	0.1388E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1132E+02	0.0000E+00	0.1109E+02	0.0000E+00	0.1267E+02	0.0000E+00
1.	0.1278E+01	-0.9073E+02	0.9510E+00	-0.8948E+02	0.3803E+00	-0.7757E+02
2.	0.1683E+00	0.5779E+01	0.8088E-01	0.2461E+02	0.1038E+00	0.8804E+02
3.	0.2797E-01	0.5228E+02	0.2348E-01	-0.3425E+02	0.2925E-01	-0.4498E+02
4.	0.3201E-02	0.1028E+03	0.1100E-01	0.5291E+02	0.7671E-02	0.1345E+03
5.	0.1465E-01	0.2618E+02	0.1052E-01	0.6422E+02	0.4473E-02	-0.1749E+03
6.	0.1318E-01	0.3857E+02	0.7051E-02	-0.1250E+02	0.3628E-02	-0.5243E+02
7.	0.2019E-01	-0.8184E+02	0.1076E-01	-0.5560E+02	0.5572E-02	-0.7428E+02
8.	0.1624E-01	-0.4720E+02	0.7983E-02	-0.4793E+02	0.1958E-02	-0.7371E+02
9.	0.7126E-02	0.1826E+02	0.4642E-02	0.1055E+02	0.1950E-02	0.1895E+02
10.	0.8789E-02	0.1295E+03	0.3055E-02	0.9268E+02	0.1392E-02	-0.1707E+03
11.	0.7994E-02	0.1361E+03	0.4296E-02	0.8724E+02	0.2203E-02	0.4697E+02
12.	0.2546E-02	-0.9122E+02	0.3188E-03	-0.5443E+02	0.1484E-02	0.9681E+02
13.	0.8554E-02	0.3374E+02	0.4033E-02	0.2906E+02	0.3036E-02	0.7829E+02
14.	0.5970E-02	0.2073E+02	0.2309E-02	0.1444E+02	0.4385E-03	-0.5205E+02
15.	0.3118E-02	0.1768E+03	0.1301E-02	0.1292E+03	0.9804E-03	-0.1609E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1264E+02	0.0000E+00	0.1272E+02	0.0000E+00	0.1294E+02	0.0000E+00
1.	0.3208E+00	-0.7126E+02	0.2346E+00	-0.6838E+02	0.1955E+00	-0.6312E+02
2.	0.1180E+00	0.8903E+02	0.1087E+00	0.8506E+02	0.1173E+00	0.8252E+02
3.	0.3708E-01	-0.3876E+02	0.3890E-01	-0.3526E+02	0.3895E-01	-0.2639E+02
4.	0.8475E-02	0.1481E+03	0.1026E-01	0.1502E+03	0.1263E-01	0.1443E+03
5.	0.5713E-02	-0.1576E+03	0.6123E-02	-0.1659E+03	0.9707E-02	-0.1713E+03
6.	0.4295E-02	-0.6514E+02	0.3795E-02	-0.1100E+03	0.3017E-02	-0.1359E+03
7.	0.5114E-02	-0.7497E+02	0.3466E-02	-0.8550E+02	0.2601E-02	-0.1032E+03
8.	0.1462E-02	-0.6264E+02	0.6190E-03	-0.1681E+03	0.9786E-03	0.1170E+03
9.	0.1758E-02	-0.2845E+02	0.1710E-02	-0.2923E+02	0.1705E-02	-0.1909E+02
10.	0.1762E-03	0.1350E+03	0.5544E-03	-0.1387E+03	0.7438E-03	-0.1328E+03
11.	0.1410E-02	0.7322E+02	0.1518E-02	0.3259E+02	0.1858E-03	0.1171E+03
12.	0.1402E-02	0.3682E+02	0.1213E-02	0.6201E+02	0.1201E-02	0.8420E+02
13.	0.3537E-02	0.7923E+02	0.1958E-02	0.5152E+02	0.1549E-02	0.6233E+02
14.	0.1015E-02	-0.4613E+02	0.8601E-03	0.3894E+02	0.8846E-03	-0.3520E+01
15.	0.6842E-03	-0.1195E+03	0.1150E-02	-0.1590E+03	0.1036E-02	-0.1475E+03

Table IV-6b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1309E+02	0.0000E+00	0.1321E+02	0.0000E+00	0.1312E+02	0.0000E+00
1.	0.1690E+00	-0.5669E+02	0.9543E-01	-0.4173E+02	0.1733E+00	0.5003E+02
2.	0.1193E+00	0.7998E+02	0.1224E+00	0.8046E+02	0.1045E+00	0.1227E+03
3.	0.3672E-01	-0.2226E+02	0.2120E-01	0.3075E+01	0.6866E-01	-0.1040E+02
4.	0.1579E-01	0.1433E+03	0.1668E-01	0.1568E+03	0.6345E-01	0.1619E+03
5.	0.1297E-01	-0.1789E+03	0.2257E-01	-0.1701E+03	0.3972E-01	-0.6317E+02
6.	0.2710E-02	-0.1264E+03	0.6992E-02	-0.1141E+03	0.1792E-01	0.1534E+03
7.	0.1432E-02	-0.8131E+02	0.3383E-02	-0.1689E+03	0.1830E-01	-0.5804E+02
8.	0.2209E-02	0.1088E+03	0.4058E-02	0.1252E+03	0.9074E-02	0.1238E+03
9.	0.9301E-03	-0.5608E+02	0.8074E-03	-0.7425E+02	0.6766E-02	-0.7563E+02
10.	0.1151E-02	-0.1316E+03	0.2820E-02	-0.9076E+02	0.2405E-02	0.5181E+02
11.	0.1182E-02	0.1289E+03	0.6453E-03	-0.1048E+03	0.2444E-02	0.5626E+02
12.	0.4788E-03	0.1205E+03	0.1742E-02	-0.1058E+03	0.9532E-03	0.1124E+03
13.	0.2190E-02	0.5167E+02	0.1874E-02	0.4242E+02	0.1827E-02	0.9971E+02
14.	0.6017E-03	-0.1727E+02	0.2546E-03	0.1483E+03	0.7554E-03	0.3762E+01
15.	0.8780E-03	-0.1762E+03	0.3365E-03	-0.1351E+03	0.7651E-03	-0.3214E+02



Table IV-7a. Harmonic pressure data for 98 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1085E+02	0.0000E+00	0.1153E+02	0.0000E+00	0.1200E+02	0.0000E+00
1.	0.1057E+01	-0.4305E+02	0.9714E+00	-0.6355E+02	0.7461E+00	-0.6860E+02
2.	0.3189E+00	0.1475E+03	0.1197E+00	0.1243E+03	0.7132E-01	0.7886E+02
3.	0.6247E-01	-0.1072E+03	0.1883E-01	0.1737E+03	0.9720E-02	0.1220E+03
4.	0.2113E+00	0.1569E+03	0.1095E+00	0.1455E+03	0.5326E-01	0.1525E+03
5.	0.6892E-01	0.1399E+03	0.2707E-01	0.1173E+03	0.2397E-01	0.1274E+03
6.	0.1675E+00	0.3634E+02	0.7329E-01	0.3123E+02	0.3660E-01	0.3938E+02
7.	0.1167E+00	0.5939E+01	0.4337E-01	0.8473E+01	0.2699E-01	0.8989E+01
8.	0.1323E+00	0.1333E+02	0.4795E-01	0.1650E+02	0.2539E-01	0.1385E+02
9.	0.9748E-01	0.3769E+01	0.4073E-01	0.1047E+02	0.1828E-01	-0.7337E+01
10.	0.6564E-01	0.6830E+02	0.3330E-01	0.6616E+02	0.7974E-02	0.1153E+03
11.	0.4997E-01	0.9969E+02	0.1969E-01	0.6743E+02	0.1250E-01	0.1110E+03
12.	0.6457E-01	0.7050E+02	0.2785E-01	0.5853E+02	0.1724E-01	0.7764E+02
13.	0.1917E-01	0.1478E+03	0.9898E-02	-0.1698E+03	0.4158E-02	0.7827E+02
14.	0.8227E-02	-0.2961E+01	0.2324E-02	0.4678E+01	0.2228E-02	0.1022E+02
15.	0.2178E-02	0.1036E+03	0.1335E-02	0.1262E+03	0.1574E-02	0.8999E+01

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1254E+02	0.0000E+00	0.1284E+02	0.0000E+00
1.	0.4223E+00	-0.7550E+02	0.1882E+00	-0.7800E+02
2.	0.5801E-01	0.4346E+02	0.2724E-01	0.5389E+02
3.	0.1274E-01	0.1337E+02	0.7748E-02	0.3283E+02
4.	0.1981E-01	-0.1662E+03	0.4017E-02	-0.1385E+03
5.	0.1908E-01	0.1523E+03	0.6486E-02	-0.1761E+03
6.	0.1067E-01	0.9813E+02	0.3741E-02	-0.1684E+03
7.	0.1246E-01	0.6522E+02	0.3486E-02	0.6086E+02
8.	0.1761E-01	0.3956E+02	0.3233E-02	0.3861E+02
9.	0.2024E-01	-0.8450E+01	0.6399E-02	-0.8019E+01
10.	0.9149E-02	-0.6596E+02	0.4953E-02	-0.3006E+02
11.	0.4602E-02	-0.1639E+03	0.1512E-02	-0.5781E+02
12.	0.3588E-02	0.1343E+03	0.9439E-03	-0.7203E+02
13.	0.3665E-02	0.1548E+03	0.1093E-02	0.7094E+02
14.	0.2807E-02	0.1057E+03	0.2230E-02	0.1132E+03
15.	0.1254E-02	0.2793E+02	0.1896E-02	0.6425E+02

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.80 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1037E+02	0.0000E+00	0.1057E+02	0.0000E+00	0.1104E+02	0.0000E+00
1.	0.1351E+00	-0.8686E+01	0.9315E+00	-0.7590E+02	0.9275E+00	-0.7841E+02
2.	0.1432E+00	0.1248E+03	0.1681E+00	0.3731E+02	0.1399E+00	0.1930E+02
3.	0.3838E+00	-0.1752E+03	0.2702E+00	-0.1774E+03	0.1422E+00	0.1663E+03
4.	0.1855E+00	-0.1671E+03	0.1086E+00	-0.1683E+03	0.5344E-01	0.1716E+03
5.	0.2427E+00	0.1281E+03	0.1680E+00	0.1215E+03	0.8023E-01	0.1090E+03
6.	0.1549E+00	0.1571E+03	0.1072E+00	0.1473E+03	0.4749E-01	0.1534E+03
7.	0.5630E-01	-0.9080E+02	0.5157E-01	-0.7529E+02	0.2024E-01	-0.9511E+02
8.	0.3334E-01	-0.1418E+03	0.1332E-01	-0.1685E+03	0.1650E-01	0.1500E+03
9.	0.9698E-01	-0.1734E+03	0.5392E-01	-0.1795E+03	0.2607E-01	0.1598E+03
10.	0.6494E-01	-0.1778E+03	0.4105E-01	0.1775E+03	0.1302E-01	0.1534E+03
11.	0.1713E-01	0.1041E+03	0.2444E-01	0.1182E+03	0.8743E-02	0.1232E+03
12.	0.2499E-01	0.1750E+02	0.4007E-01	0.4914E+02	0.1417E-01	0.6176E+02
13.	0.1913E-01	-0.1040E+03	0.5859E-02	-0.1394E+03	0.1475E-01	0.1093E+03
14.	0.3971E-01	-0.1376E+03	0.3134E-01	-0.1460E+03	0.9746E-02	0.1512E+03
15.	0.1407E-01	-0.1035E+03	0.6276E-02	-0.5808E+02	0.4385E-02	-0.1039E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.80 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1155E+02	0.0000E+00	0.1200E+02	0.0000E+00	0.1223E+02	0.0000E+00
1.	0.8165E+00	-0.8020E+02	0.5889E+00	-0.8098E+02	0.4386E+00	-0.8134E+02
2.	0.1157E+00	0.1460E+02	0.8031E-01	0.7872E+01	0.4468E-01	0.2968E+01
3.	0.7968E-01	0.1598E+03	0.4802E-01	0.1502E+03	0.3347E-01	0.1456E+03
4.	0.3125E-01	0.1622E+03	0.2157E-01	0.1570E+03	0.1438E-01	0.1685E+03
5.	0.4724E-01	0.1083E+03	0.3054E-01	0.1039E+03	0.1827E-01	0.9255E+02
6.	0.2684E-01	0.1368E+03	0.1568E-01	0.1243E+03	0.7729E-02	0.1186E+03
7.	0.1042E-01	-0.1113E+03	0.5285E-02	-0.1179E+03	0.4101E-02	-0.1285E+03
8.	0.9845E-02	0.1304E+03	0.7950E-02	0.1624E+03	0.4792E-02	0.1591E+03
9.	0.1562E-01	0.1485E+03	0.8833E-02	0.1285E+03	0.6423E-02	0.1198E+03
10.	0.1198E-01	0.1378E+03	0.8381E-02	0.1348E+03	0.6830E-02	0.1313E+03
11.	0.9221E-02	0.1525E+03	0.6904E-02	0.1425E+03	0.5010E-02	0.1661E+03
12.	0.4938E-02	0.7322E+02	0.4925E-02	0.7055E+02	0.2517E-02	0.5300E+02
13.	0.9234E-02	0.1074E+03	0.6802E-02	0.1137E+03	0.4309E-02	0.1209E+03
14.	0.8898E-02	0.1539E+03	0.7136E-02	0.1682E+03	0.5043E-02	0.1717E+03
15.	0.1606E-02	0.1766E+03	0.2272E-02	-0.1556E+03	0.1781E-02	0.1073E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.80 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1250E+02	0.0000E+00	0.1272E+02	0.0000E+00	0.1284E+02	0.0000E+00
1.	0.2755E+00	-0.8009E+02	0.1977E+00	-0.8138E+02	0.9762E-01	-0.7962E+02
2.	0.1880E-01	0.1002E+02	0.1585E-01	-0.9635E+01	0.4374E-02	-0.1718E+03
3.	0.2463E-01	0.1464E+03	0.1781E-01	0.1325E+03	0.9819E-02	0.1305E+03
4.	0.8922E-02	0.1762E+03	0.6538E-02	0.1599E+03	0.3732E-02	-0.1665E+03
5.	0.1455E-01	0.9159E+02	0.1374E-01	0.8193E+02	0.8423E-02	0.7228E+02
6.	0.7344E-02	0.1234E+03	0.3716E-02	0.9898E+02	0.1446E-02	0.6664E+02
7.	0.7087E-02	-0.1441E+03	0.8101E-02	-0.1137E+03	0.6297E-02	-0.1227E+03
8.	0.5480E-02	0.1583E+03	0.6570E-02	0.1609E+03	0.4063E-02	0.1542E+03
9.	0.4105E-02	0.1403E+03	0.3687E-02	0.9777E+02	0.3935E-02	0.6986E+02
10.	0.5080E-02	0.1227E+03	0.2644E-02	0.7358E+02	0.1791E-02	0.1375E+03
11.	0.6264E-02	0.1591E+03	0.5768E-02	0.1517E+03	0.2696E-02	0.1661E+03
12.	0.1859E-02	-0.1777E+02	0.2479E-02	0.5415E+02	0.1599E-02	0.1874E+02
13.	0.3732E-02	0.1169E+03	0.3444E-02	0.9115E+02	0.1552E-02	0.1372E+03
14.	0.3151E-02	0.1601E+03	0.3985E-02	0.1451E+03	0.3528E-02	0.1080E+03
15.	0.1001E-02	-0.1492E+02	0.1888E-02	0.2123E+01	0.1833E-02	-0.1913E+02

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1308E+02	0.0000E+00
1.	0.2387E-01	0.1063E+03
2.	0.9672E-02	-0.1674E+03
3.	0.6499E-02	0.6949E+02
4.	0.3830E-03	-0.2541E+01
5.	0.3817E-02	0.6683E+02
6.	0.2490E-02	0.4072E+02
7.	0.4269E-02	-0.6469E+02
8.	0.1574E-02	-0.1002E+03
9.	0.1294E-02	-0.1263E+03
10.	0.2079E-02	0.1161E+03
11.	0.7182E-03	0.1211E+03
12.	0.2473E-02	0.2256E+02
13.	0.1752E-02	0.1047E+01
14.	0.1090E-02	-0.1232E+03
15.	0.1023E-02	-0.1203E+03

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9934E+01	0.0000E+00	0.9688E+01	0.0000E+00	0.1049E+02	0.0000E+00
1.	0.1469E+01	0.1142E+03	0.4410E+00	-0.1272E+03	0.8993E+00	-0.9338E+02
2.	0.4469E+00	0.2109E+02	0.3511E+00	0.9443E+01	0.3166E+00	0.3983E+01
3.	0.3695E+00	0.1757E+03	0.2605E+00	0.1603E+03	0.1607E+00	0.1394E+03
4.	0.3162E+00	-0.1713E+03	0.1737E+00	-0.1685E+03	0.9238E-01	-0.1754E+03
5.	0.2288E+00	0.1174E+03	0.1282E+00	0.1003E+03	0.6596E-01	0.1004E+03
6.	0.2969E+00	0.9829E+02	0.1572E+00	0.1015E+03	0.8044E-01	0.1012E+03
7.	0.7665E-01	0.4294E+02	0.3989E-02	-0.5012E+02	0.1573E-01	-0.3994E+02
8.	0.1035E+00	-0.5659E+02	0.5597E-01	-0.6238E+02	0.2869E-01	-0.6727E+02
9.	0.2495E-01	-0.9921E+02	0.1425E-01	-0.2600E+02	0.6617E-02	-0.9327E+02
10.	0.1171E+00	0.1344E+03	0.6429E-01	0.1274E+03	0.2453E-01	0.1069E+03
11.	0.9046E-01	0.1153E+03	0.4497E-01	0.1208E+03	0.3497E-01	0.1129E+03
12.	0.7080E-01	0.3088E+02	0.3471E-01	0.2272E+02	0.2347E-01	0.5204E+02
13.	0.5713E-01	0.1059E+02	0.2334E-01	0.1476E+02	0.1161E-01	0.1177E+02
14.	0.7902E-02	-0.4215E+02	0.3682E-02	-0.4926E+02	0.4092E-02	-0.1007E+03
15.	0.2112E-01	0.1462E+03	0.7721E-02	0.9973E+02	0.7205E-02	0.9871E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1118E+02	0.0000E+00	0.1146E+02	0.0000E+00	0.1187E+02	0.0000E+00
1.	0.8991E+00	-0.9047E+02	0.7406E+00	-0.8898E+02	0.4676E+00	-0.8945E+02
2.	0.2485E+00	0.6896E+01	0.1758E+00	-0.4897E+01	0.1024E+00	-0.9952E-01
3.	0.9693E-01	0.1262E+03	0.6894E-01	0.1212E+03	0.3749E-01	0.1176E+03
4.	0.6852E-01	-0.1650E+03	0.3631E-01	0.1654E+03	0.2254E-01	0.1698E+03
5.	0.5192E-01	0.9663E+02	0.2863E-01	0.1062E+03	0.1865E-01	0.1051E+03
6.	0.4509E-01	0.6236E+02	0.3021E-01	0.9456E+02	0.2204E-01	0.8562E+02
7.	0.1028E-01	-0.5861E+02	0.1081E-01	-0.2461E+02	0.2492E-02	-0.2507E+01
8.	0.1456E-01	-0.2884E+02	0.1200E-01	-0.1019E+03	0.6042E-02	-0.1005E+03
9.	0.3231E-01	-0.1823E+01	0.8363E-02	-0.1038E+03	0.4453E-02	-0.1028E+03
10.	0.7172E-01	0.3004E+02	0.8654E-02	0.8526E+02	0.5519E-02	0.1019E+03
11.	0.4896E-01	0.1604E+03	0.1640E-01	0.1192E+03	0.1090E-01	0.1080E+03
12.	0.4836E-02	-0.6476E+02	0.1057E-01	0.7350E+02	0.4679E-02	0.7309E+02
13.	0.1559E-01	-0.1305E+03	0.5477E-02	-0.4771E+02	0.2178E-02	-0.3558E+02
14.	0.5779E-02	-0.7334E+02	0.6226E-02	-0.6630E+02	0.2057E-02	-0.3392E+02
15.	0.6327E-02	-0.1373E+03	0.4803E-02	0.4120E+02	0.3061E-02	0.9569E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1201E+02	0.0000E+00	0.1239E+02	0.0000E+00	0.1265E+02	0.0000E+00
1.	0.4094E+00	-0.8840E+02	0.1798E+00	-0.8634E+02	0.1168E+00	-0.7936E+02
2.	0.8412E-01	-0.1417E+02	0.3447E-01	-0.2754E+02	0.1290E-01	-0.4533E+02
3.	0.3094E-01	0.1152E+03	0.1841E-01	0.1111E+03	0.1073E-01	0.1120E+03
4.	0.1803E-01	0.1576E+03	0.8475E-02	0.1776E+03	0.4568E-02	-0.1730E+03
5.	0.1858E-01	0.1016E+03	0.9776E-02	0.1077E+03	0.6692E-02	0.9851E+02
6.	0.2546E-01	0.8783E+02	0.1397E-01	0.7742E+02	0.8710E-02	0.7745E+02
7.	0.4783E-02	-0.1388E+02	0.3149E-02	-0.7125E+02	0.3305E-02	-0.6469E+02
8.	0.7650E-02	-0.7103E+02	0.4751E-02	-0.8975E+02	0.2802E-02	-0.7577E+02
9.	0.1439E-01	-0.9235E+02	0.4466E-02	-0.6137E+02	0.2177E-02	-0.7581E+02
10.	0.5331E-02	0.8282E+02	0.4628E-02	0.7638E+02	0.2302E-02	0.8179E+02
11.	0.9647E-02	0.9740E+02	0.8689E-02	0.1135E+03	0.5780E-02	0.1011E+03
12.	0.8636E-02	0.5291E+02	0.4745E-02	0.5053E+02	0.2781E-02	0.7982E+02
13.	0.8106E-02	0.2458E+02	0.3734E-02	-0.3561E+02	0.3145E-02	-0.4618E+02
14.	0.6002E-02	-0.6644E+02	0.3240E-02	-0.8464E+02	0.2610E-02	-0.5148E+02
15.	0.4688E-02	0.1405E+03	0.2136E-02	0.8015E+02	0.1991E-02	0.1068E+03

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1311E+02	0.0000E+00
1.	0.7848E-01	0.9442E+02
2.	0.1915E-01	-0.1409E+03
3.	0.4311E-02	0.1164E+03
4.	0.4957E-02	-0.2728E+01
5.	0.3675E-02	-0.6832E+02
6.	0.4858E-02	0.7217E+02
7.	0.5230E-02	-0.2054E+02
8.	0.4453E-02	-0.8428E+02
9.	0.4278E-02	0.4158E+02
10.	0.6303E-02	0.4444E+02
11.	0.5122E-03	0.1029E+03
12.	0.5985E-02	0.3271E+02
13.	0.3147E-02	-0.5857E+02
14.	0.5386E-02	-0.1297E+03
15.	0.2227E-02	0.1165E+03

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9737E+01	0.0000E+00	0.9804E+01	0.0000E+00	0.1087E+02	0.0000E+00
1.	0.7161E+00	0.1644E+03	0.1097E+01	-0.1052E+03	0.8718E+00	-0.9389E+02
2.	0.2802E+00	0.2339E+02	0.5774E+00	0.1821E+00	0.2384E+00	-0.9607E+01
3.	0.2061E+00	0.1645E+03	0.3047E+00	0.1064E+03	0.6637E-01	0.9360E+02
4.	0.1817E+00	0.1675E+03	0.2342E+00	0.1739E+03	0.4285E-01	0.1286E+03
5.	0.1491E+00	0.1322E+03	0.4146E-01	-0.1250E+03	0.5114E-01	0.1216E+03
6.	0.1618E+00	0.9468E+02	0.1264E+00	0.6092E+02	0.3253E-01	0.9362E+02
7.	0.8741E-01	0.6158E+02	0.7170E-01	0.9748E+02	0.1765E-01	-0.7441E+01
8.	0.1145E-01	-0.2700E+02	0.4367E-01	-0.1097E+03	0.8269E-02	0.1550E+02
9.	0.4351E-01	-0.9750E+02	0.4752E-01	-0.3834E+02	0.1140E-01	-0.1377E+03
10.	0.3231E-01	0.1191E+03	0.5781E-01	0.1015E+03	0.5360E-02	-0.1704E+03
11.	0.7182E-01	0.1093E+03	0.4872E-01	0.1500E+03	0.1690E-01	0.7483E+02
12.	0.4052E-01	0.9202E+02	0.1814E-01	-0.1731E+02	0.2391E-01	0.6566E+02
13.	0.2523E-01	0.1034E+02	0.3462E-01	0.2449E+02	0.8679E-02	0.1316E+03
14.	0.2270E-01	-0.2451E+02	0.6197E-02	0.5040E+02	0.1186E-01	-0.8679E+02
15.	0.7612E-02	0.1314E+03	0.5492E-02	0.1779E+03	0.1088E-01	-0.1232E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1193E+02	0.0000E+00	0.1200E+02	0.0000E+00	0.1222E+02	0.0000E+00
1.	0.4739E+00	-0.9191E+02	0.3355E+00	-0.9071E+02	0.2311E+00	-0.9154E+02
2.	0.1159E+00	-0.1642E+02	0.8439E-01	-0.2318E+02	0.5842E-01	-0.2218E+02
3.	0.3295E-01	0.8897E+02	0.2713E-01	0.8951E+02	0.1637E-01	0.9419E+02
4.	0.2064E-01	0.1309E+03	0.1469E-01	0.1165E+03	0.1103E-01	0.1428E+03
5.	0.3276E-01	0.1187E+03	0.2594E-01	0.1234E+03	0.2065E-01	0.1175E+03
6.	0.2470E-01	0.8582E+02	0.2637E-01	0.7814E+02	0.1733E-01	0.6764E+02
7.	0.1210E-01	-0.8578E+01	0.1162E-01	-0.8349E+01	0.5822E-02	0.2295E+02
8.	0.9923E-03	0.3435E+02	0.2070E-02	-0.4535E+02	0.2481E-02	0.5118E+02
9.	0.1171E-01	-0.1062E+03	0.1168E-01	-0.1048E+03	0.9295E-02	-0.1008E+03
10.	0.2330E-02	0.7304E+02	0.1114E-02	-0.3122E+02	0.2321E-02	0.1620E+03
11.	0.1477E-01	0.9160E+02	0.1882E-01	0.9603E+02	0.1164E-01	0.8062E+02
12.	0.1877E-01	0.6018E+02	0.1957E-01	0.7178E+02	0.1024E-01	0.7325E+02
13.	0.8575E-03	0.1493E+03	0.1607E-02	0.1298E+03	0.3504E-02	0.1377E+03
14.	0.9141E-02	-0.8023E+02	0.7521E-02	-0.7105E+02	0.6340E-02	-0.7193E+02
15.	0.5433E-02	0.4224E+01	0.7203E-02	0.1551E+01	0.1955E-02	-0.2903E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1243E+02	0.0000E+00	0.1261E+02	0.0000E+00	0.1270E+02	0.0000E+00
1.	0.1813E+00	-0.8900E+02	0.1292E+00	-0.8438E+02	0.9435E-01	-0.8673E+02
2.	0.4941E-01	-0.2158E+02	0.4032E-01	-0.2936E+02	0.3346E-01	-0.5346E+02
3.	0.1456E-01	0.1119E+03	0.1235E-01	0.9429E+02	0.1088E-01	0.8222E+02
4.	0.6289E-02	0.1519E+03	0.6408E-02	0.1497E+03	0.2554E-02	0.1319E+03
5.	0.1894E-01	0.1179E+03	0.1787E-01	0.1102E+03	0.1632E-01	0.1035E+03
6.	0.1348E-01	0.6560E+02	0.1438E-01	0.7627E+02	0.1454E-01	0.7918E+02
7.	0.7320E-02	0.3854E+02	0.5462E-02	0.2329E+02	0.4200E-02	0.8398E+00
8.	0.1247E-02	0.4624E+02	0.2429E-02	0.7230E+02	0.1053E-02	0.1250E+03
9.	0.6919E-02	-0.8855E+02	0.1004E-01	-0.1094E+03	0.9679E-02	-0.1129E+03
10.	0.2285E-02	0.1285E+03	0.1707E-02	0.1210E+03	0.3211E-02	0.1124E+02
11.	0.9624E-02	0.8718E+02	0.9644E-02	0.9272E+02	0.9960E-02	0.8040E+02
12.	0.8964E-02	0.6914E+02	0.1021E-01	0.6674E+02	0.1045E-01	0.7627E+02
13.	0.2422E-02	0.1346E+03	0.2649E-02	0.1035E+03	0.8892E-03	0.8914E+02
14.	0.4605E-02	-0.5495E+02	0.5658E-02	-0.8266E+02	0.4717E-02	-0.9517E+02
15.	0.3751E-02	-0.3277E+01	0.5299E-02	-0.1590E+01	0.4199E-02	-0.5601E+02

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1258E+02	0.0000E+00	0.1337E+02	0.0000E+00
1.	0.6154E-01	-0.7348E+02	0.1060E+00	0.8954E+02
2.	0.2027E-01	-0.6539E+02	0.2348E-01	-0.1438E+03
3.	0.8042E-02	0.1158E+03	0.5410E-02	0.4538E+02
4.	0.8492E-03	-0.1535E+03	0.2372E-02	-0.8658E+02
5.	0.8359E-02	0.9471E+02	0.7763E-02	0.6741E+02
6.	0.1082E-01	0.7428E+02	0.7420E-02	0.3880E+02
7.	0.3314E-02	-0.8548E+01	0.6108E-02	-0.5175E+02
8.	0.1062E-02	-0.5887E+01	0.2417E-02	-0.7553E+02
9.	0.3699E-02	-0.1478E+03	0.6105E-02	-0.8730E+02
10.	0.1996E-02	-0.1689E+02	0.3291E-02	0.6292E+02
11.	0.6246E-02	0.7208E+02	0.6365E-02	0.7249E+02
12.	0.6294E-02	0.8456E+02	0.8555E-02	0.4800E+02
13.	0.8492E-03	0.1422E+03	0.1586E-02	0.2613E+02
14.	0.4778E-02	-0.8699E+02	0.4879E-02	-0.9899E+02
15.	0.3429E-02	-0.4259E+02	0.4689E-02	0.1162E+03

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1060E+02	0.0000E+00	0.8951E+01	0.0000E+00	0.1035E+02	0.0000E+00
1.	0.2372E+01	0.1171E+03	0.9201E+00	0.1551E+03	0.1317E+01	-0.9150E+02
2.	0.4645E+00	0.3875E+02	0.2651E+00	0.3346E+02	0.6989E+00	0.7447E+01
3.	0.1895E+00	0.1447E+03	0.1992E+00	0.1600E+03	0.4228E+00	0.1053E+03
4.	0.2964E+00	0.1888E+03	0.2198E+00	0.1623E+03	0.3382E+00	-0.1701E+03
5.	0.2362E+00	0.1530E+03	0.1878E+00	0.1422E+03	0.1761E+00	-0.8520E+02
6.	0.2290E+00	0.9811E+02	0.1814E+00	0.9783E+02	0.1444E+00	0.5604E+02
7.	0.1728E+00	0.6744E+02	0.1212E+00	0.6599E+02	0.1194E+00	0.1354E+03
8.	0.3888E-01	0.2544E+02	0.2060E-01	0.2698E+02	0.6306E-01	-0.8710E+02
9.	0.7591E-01	-0.9010E+02	0.4579E-01	-0.9137E+02	0.7096E-01	0.2545E+02
10.	0.3380E-01	-0.1703E+03	0.2288E-01	0.1530E+03	0.7390E-01	0.1595E+03
11.	0.9417E-01	0.1143E+03	0.6843E-01	0.1130E+03	0.8060E-01	-0.1119E+03
12.	0.8964E-01	0.1007E+03	0.5941E-01	0.9457E+02	0.4679E-01	0.1838E+02
13.	0.3763E-01	0.5139E+02	0.2712E-01	0.3901E+02	0.5670E-01	0.1015E+03
14.	0.5027E-01	-0.1497E+02	0.3296E-01	-0.1249E+02	0.1772E-01	0.1748E+03
15.	0.2396E-01	-0.1634E+02	0.1312E-01	-0.3819E+01	0.7090E-02	0.1949E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1128E+02	0.0000E+00	0.1112E+02	0.0000E+00	0.1165E+02	0.0000E+00
1.	0.8524E+00	-0.9670E+02	0.8008E+00	-0.9409E+02	0.4347E+00	-0.9083E+02
2.	0.2712E+00	-0.8373E+01	0.2123E+00	-0.1175E+02	0.1110E+00	-0.1805E+02
3.	0.6624E-01	0.8596E+02	0.2268E-01	0.7896E+02	0.1255E-01	0.9659E+02
4.	0.5726E-01	0.1209E+03	0.4243E-01	0.7716E+02	0.2067E-01	0.9187E+02
5.	0.6208E-01	0.1448E+03	0.8393E-01	0.1161E+03	0.4298E-01	0.1128E+03
6.	0.2493E-01	0.7267E+02	0.4304E-01	0.1409E+03	0.2486E-01	0.1004E+03
7.	0.5126E-01	0.4873E+02	0.2605E-01	-0.1823E+02	0.1566E-01	0.2584E+02
8.	0.3288E-01	0.1398E+03	0.2526E-01	0.2776E+02	0.6267E-02	0.2245E+02
9.	0.5562E-01	-0.1124E+03	0.1642E-01	-0.1795E+03	0.1528E-01	-0.1248E+03
10.	0.4268E-01	-0.1837E+02	0.1770E-01	0.1378E+03	0.4422E-02	0.1740E+03
11.	0.6176E-01	0.7861E+02	0.1072E-01	0.9762E+01	0.6933E-02	0.8557E+02
12.	0.5211E-01	0.1419E+03	0.3436E-01	0.5888E+02	0.1762E-01	0.5328E+02
13.	0.3986E-01	-0.1025E+03	0.1707E-01	0.1252E+03	0.5782E-02	0.8520E+02
14.	0.5146E-01	-0.1694E+02	0.1851E-01	-0.8635E+02	0.8779E-02	-0.6100E+02
15.	0.3774E-01	0.7611E+02	0.1759E-01	-0.2535E+02	0.7017E-02	-0.3213E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1168E+02	0.0000E+00	0.1268E+02	0.0000E+00	0.1289E+02	0.0000E+00
1.	0.2920E+00	-0.8984E+02	0.1958E+00	-0.8760E+02	0.1324E+00	-0.8153E+02
2.	0.7909E-01	-0.2031E+02	0.5793E-01	-0.2365E+02	0.4656E-01	-0.3164E+02
3.	0.9038E-02	0.1010E+03	0.4208E-02	0.1316E+03	0.3966E-02	0.1727E+03
4.	0.1495E-01	0.1023E+03	0.1050E-01	0.9253E+02	0.7485E-02	0.9557E+02
5.	0.3351E-01	0.1161E+03	0.2667E-01	0.1148E+03	0.2405E-01	0.1116E+03
6.	0.2309E-01	0.9529E+02	0.1897E-01	0.9385E+02	0.1609E-01	0.8982E+02
7.	0.1436E-01	0.3128E+02	0.1366E-01	0.5575E+02	0.1444E-01	0.5746E+02
8.	0.2235E-02	0.7018E+02	0.3814E-02	0.1067E+03	0.3323E-02	0.1201E+03
9.	0.1251E-01	-0.1270E+03	0.1047E-01	-0.1327E+03	0.1117E-01	-0.1383E+03
10.	0.1103E-02	-0.1575E+03	0.3806E-02	-0.1680E+03	0.3202E-02	-0.1740E+03
11.	0.6022E-02	0.9714E+02	0.1787E-02	0.8339E+02	0.1957E-02	0.8780E+02
12.	0.1531E-01	0.5188E+02	0.1137E-01	0.3820E+02	0.9777E-02	0.2930E+02
13.	0.3771E-02	0.4962E+02	0.4167E-02	0.6726E+02	0.4036E-02	0.5699E+02
14.	0.6847E-02	-0.7977E+02	0.4614E-02	-0.6143E+02	0.4892E-02	-0.5472E+02
15.	0.3898E-02	-0.3741E+02	0.5236E-02	-0.2786E+02	0.5034E-02	-0.3717E+02



Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1336E+02	0.0000E+00	0.1248E+02	0.0000E+00	0.1316E+02	0.0000E+00
1.	0.8350E-01	-0.7534E+02	0.7028E-01	-0.7218E+02	0.3980E-01	0.4217E+02
2.	0.3419E-01	-0.3355E+02	0.3164E-01	-0.3663E+02	0.1708E-01	-0.6203E+02
3.	0.4692E-02	0.1398E+03	0.6452E-02	0.1184E+03	0.4081E-02	0.1289E+03
4.	0.4459E-02	0.8967E+02	0.4781E-02	0.8513E+02	0.9832E-03	0.5297E+02
5.	0.1873E-01	0.1148E+03	0.1536E-01	0.1060E+03	0.1040E-01	0.1021E+03
6.	0.1373E-01	0.8450E+02	0.1272E-01	0.8365E+02	0.9094E-02	0.7133E+02
7.	0.8736E-02	0.5318E+02	0.7398E-02	0.3703E+02	0.5723E-02	0.4201E+02
8.	0.1913E-02	0.1015E+03	0.1298E-02	0.3678E+02	0.6919E-03	0.8098E+02
9.	0.7662E-02	-0.1337E+03	0.8938E-02	-0.1319E+03	0.6328E-02	-0.1330E+03
10.	0.1260E-02	0.1699E+03	0.2348E-02	0.1465E+03	0.1931E-02	0.1209E+03
11.	0.2644E-02	0.7714E+02	0.4694E-02	0.7104E+02	0.3340E-02	0.7370E+02
12.	0.9926E-02	0.4859E+02	0.7518E-02	0.4596E+02	0.5725E-02	0.3619E+02
13.	0.3142E-02	0.8310E+02	0.3743E-02	0.8484E+02	0.2558E-02	0.9238E+02
14.	0.2697E-02	-0.8114E+02	0.3715E-02	-0.6563E+02	0.3737E-02	-0.8650E+02
15.	0.3062E-02	-0.6149E+02	0.3102E-02	-0.6853E+02	0.3199E-02	-0.8280E+02

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1139E+02	0.0000E+00	0.8441E+01	0.0000E+00	0.9475E+01	0.0000E+00
1.	0.2942E+01	0.1159E+03	0.1401E+01	-0.1784E+03	0.1151E+01	-0.1171E+03
2.	0.5505E+00	0.4339E+02	0.3801E+00	0.1317E+02	0.4429E+00	-0.1107E+02
3.	0.1357E+00	0.1259E+03	0.3548E+00	0.1242E+03	0.1368E+00	0.9518E+02
4.	0.3015E+00	0.1705E+03	0.4362E+00	0.1531E+03	0.9685E-01	0.1370E+03
5.	0.2657E+00	0.1631E+03	0.3337E+00	0.1470E+03	0.1107E+00	0.1175E+03
6.	0.2218E+00	0.1074E+03	0.3091E+00	0.1082E+03	0.1245E+00	0.1054E+03
7.	0.1916E+00	0.6955E+02	0.2069E+00	0.9488E+02	0.4091E-01	0.1020E+03
8.	0.7110E-01	0.3776E+02	0.3905E-01	0.8246E+02	0.1415E-01	-0.8919E+02
9.	0.7918E-01	-0.8504E+02	0.3979E-01	-0.5584E+02	0.4241E-01	-0.9275E+02
10.	0.4734E-01	-0.1313E+03	0.4230E-01	0.9387E+02	0.1881E-01	-0.8057E+02
11.	0.7055E-01	0.1181E+03	0.1061E+00	0.1013E+03	0.3070E-01	0.5066E+02
12.	0.1106E+00	0.1013E+03	0.9625E-01	0.9705E+02	0.5269E-01	0.5355E+02
13.	0.6585E-01	0.7719E+02	0.4029E-01	0.5772E+02	0.2248E-01	0.8297E+02
14.	0.5429E-01	-0.1022E+02	0.4872E-01	-0.9965E+01	0.1792E-01	-0.2890E+02
15.	0.5174E-01	-0.3072E+02	0.2860E-01	0.5709E+01	0.6685E-02	0.1912E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1015E+02	0.0000E+00	0.1106E+02	0.0000E+00	0.1193E+02	0.0000E+00
1.	0.1761E+01	-0.9955E+02	0.7025E+00	-0.9266E+02	0.4514E+00	-0.8573E+02
2.	0.8200E+00	-0.1228E+02	0.1076E+00	-0.1317E+02	0.8964E-01	-0.1367E+02
3.	0.4199E+00	0.7644E+02	0.3953E-01	-0.1254E+03	0.1843E-01	0.1157E+03
4.	0.2423E+00	0.1530E+03	0.5270E-01	0.7108E+01	0.1171E-01	0.8777E+02
5.	0.5035E-01	-0.1580E+03	0.8582E-01	0.9208E+02	0.3731E-01	0.1049E+03
6.	0.9106E-01	0.8889E+02	0.5797E-01	0.1273E+03	0.2634E-01	0.9927E+02
7.	0.5197E-01	-0.1674E+03	0.1946E-01	-0.5490E+02	0.1446E-01	-0.1023E+02
8.	0.9035E-01	-0.5965E+02	0.2260E-01	-0.9561E+01	0.9747E-02	-0.2428E+02
9.	0.6215E-01	0.1322E+02	0.1063E-01	-0.1383E+03	0.8845E-02	-0.1014E+03
10.	0.4367E-01	0.1342E+03	0.7546E-02	-0.1470E+03	0.6660E-02	0.1269E+03
11.	0.7449E-02	-0.8150E+02	0.1075E-01	0.5274E+02	0.1134E-01	0.1048E+03
12.	0.5583E-01	0.5868E+02	0.2748E-01	0.6336E+02	0.1675E-01	0.4892E+02
13.	0.3710E-01	0.1427E+03	0.1028E-01	0.9917E+02	0.5781E-02	0.7186E+02
14.	0.4252E-01	-0.8593E+02	0.1167E-01	-0.8132E+02	0.6226E-02	-0.6226E+02
15.	0.3161E-01	0.5534E+01	0.9861E-02	-0.5045E+02	0.6558E-02	-0.5046E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1222E+02	0.0000E+00	0.1249E+02	0.0000E+00	0.1258E+02	0.0000E+00
1.	0.3005E+00	-0.7775E+02	0.1892E+00	-0.6349E+02	0.1422E+00	-0.5464E+02
2.	0.5103E-01	-0.1774E+02	0.3121E-01	-0.2203E+02	0.2996E-01	-0.1757E+02
3.	0.1007E-01	0.1322E+03	0.7764E-02	0.1674E+03	0.8552E-02	0.1592E+03
4.	0.9296E-02	0.6042E+02	0.3616E-02	0.3797E+02	0.3803E-02	0.2911E+02
5.	0.2779E-01	0.1063E+03	0.1674E-01	0.1072E+03	0.1426E-01	0.1065E+03
6.	0.2270E-01	0.8882E+02	0.1259E-01	0.7581E+02	0.1272E-01	0.8232E+02
7.	0.1199E-01	-0.2326E+02	0.9106E-02	0.4880E+01	0.6767E-02	0.9542E+01
8.	0.6957E-02	-0.2193E+02	0.1692E-02	-0.2668E+01	0.1427E-02	-0.3839E+02
9.	0.1095E-01	-0.9958E+02	0.5898E-02	-0.1117E+03	0.5833E-02	-0.1272E+03
10.	0.4325E-02	0.1406E+03	0.2319E-02	0.1309E+03	0.1225E-02	0.1599E+03
11.	0.9849E-02	0.1019E+03	0.5158E-02	0.1090E+03	0.3173E-02	0.1027E+03
12.	0.1722E-01	0.5520E+02	0.1102E-01	0.4619E+02	0.9428E-02	0.4270E+02
13.	0.5959E-02	0.5752E+02	0.3874E-02	0.3958E+02	0.4131E-02	0.4516E+02
14.	0.6696E-02	-0.7731E+02	0.4949E-02	-0.8353E+02	0.3885E-02	-0.7427E+02
15.	0.3887E-02	-0.6650E+02	0.2893E-02	-0.9338E+02	0.2195E-02	-0.7508E+02

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1278E+02	0.0000E+00	0.1333E+02	0.0000E+00
1.	0.8913E-01	-0.1071E+02	0.1305E+00	0.6887E+02
2.	0.1863E-01	-0.9316E+01	0.4568E-02	0.1623E+03
3.	0.3054E-02	0.1087E+03	0.2308E-02	-0.9557E+02
4.	0.1179E-02	-0.1409E+03	0.4264E-02	-0.8623E+02
5.	0.1337E-01	0.1125E+03	0.4288E-02	0.1451E+03
6.	0.9284E-02	0.6995E+02	0.3018E-02	0.5798E+02
7.	0.5626E-02	0.3443E+02	0.3415E-02	-0.2093E+02
8.	0.8596E-03	-0.6131E+02	0.8726E-03	0.1274E+03
9.	0.5157E-02	-0.1141E+03	0.2587E-02	-0.8366E+02
10.	0.5855E-03	0.4729E+02	0.2115E-02	-0.8522E+01
11.	0.4779E-02	0.1193E+03	0.1795E-02	0.7632E+02
12.	0.7694E-02	0.4786E+02	0.5094E-02	0.3050E+02
13.	0.2577E-02	0.6891E+02	0.1104E-02	0.1398E+03
14.	0.2225E-02	-0.3460E+02	0.2968E-02	-0.1097E+03
15.	0.1332E-02	-0.8633E+02	0.8950E-03	-0.1299E+03

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1114E+02	0.0000E+00	0.9070E+01	0.0000E+00	0.8941E+01	0.0000E+00
1.	0.2380E+01	0.1186E+03	0.1038E+01	0.1634E+03	0.1371E+01	-0.1137E+03
2.	0.3682E+00	0.4560E+02	0.2196E+00	0.2689E+02	0.3914E+00	-0.1481E+02
3.	0.1700E+00	0.1233E+03	0.2023E+00	0.1323E+03	0.9340E-01	0.1315E+03
4.	0.2735E+00	0.1587E+03	0.2422E+00	0.1479E+03	0.3770E-01	0.1323E+03
5.	0.2282E+00	0.1556E+03	0.1895E+00	0.1436E+03	0.9273E-01	0.1040E+03
6.	0.1831E+00	0.9892E+02	0.1814E+00	0.9171E+02	0.8843E-01	0.9231E+02
7.	0.1637E+00	0.6233E+02	0.1376E+00	0.5885E+02	0.5970E-01	0.3984E+02
8.	0.6484E-01	0.4027E+02	0.4193E-01	0.4402E+02	0.2053E-01	0.2059E+02
9.	0.5343E-01	-0.9520E+02	0.3536E-01	-0.1083E+03	0.1516E-01	-0.1001E+03
10.	0.3217E-01	-0.1353E+03	0.3417E-02	-0.1172E+03	0.1214E-01	0.8752E+02
11.	0.5574E-01	0.9154E+02	0.5765E-01	0.7218E+02	0.3206E-01	0.1032E+03
12.	0.9508E-01	0.8232E+02	0.8157E-01	0.7280E+02	0.2658E-01	0.8281E+02
13.	0.5390E-01	0.6330E+02	0.3420E-01	0.4904E+02	0.1018E-01	0.1105E+02
14.	0.4034E-01	-0.2801E+02	0.3959E-01	-0.4751E+02	0.2384E-01	-0.7453E+02
15.	0.4933E-01	-0.4503E+02	0.4154E-01	-0.4255E+02	0.2276E-01	-0.5634E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1037E+02	0.0000E+00	0.1125E+02	0.0000E+00	0.1216E+02	0.0000E+00
1.	0.1461E+01	-0.1031E+03	0.7010E+00	-0.8978E+02	0.3907E+00	-0.8094E+02
2.	0.7931E+00	-0.1931E+02	0.1385E+00	-0.1037E+02	0.7819E-01	-0.1572E+02
3.	0.5189E+00	0.6254E+02	0.3223E-01	0.1762E+03	0.2079E-01	0.1571E+03
4.	0.4139E+00	0.1357E+03	0.2950E-01	0.2232E+02	0.2131E-01	0.5575E+02
5.	0.2677E+00	-0.1537E+03	0.4725E-01	0.8628E+02	0.2215E-01	0.9958E+02
6.	0.1350E+00	-0.5209E+02	0.4581E-01	0.1105E+03	0.2768E-01	0.1078E+03
7.	0.1072E+00	0.2463E+02	0.1088E-01	0.3238E+01	0.1448E-01	0.1304E+02
8.	0.9027E-02	-0.1391E+03	0.1726E-01	-0.4223E+02	0.1292E-01	-0.4176E+02
9.	0.6582E-01	-0.3177E+02	0.6882E-02	-0.1151E+03	0.9684E-02	-0.1327E+03
10.	0.9996E-01	0.6415E+02	0.3643E-02	0.1017E+03	0.6155E-02	0.6891E+02
11.	0.1202E+00	0.1400E+03	0.3442E-02	0.6453E+02	0.3314E-02	0.7036E+02
12.	0.8026E-01	-0.1398E+03	0.1751E-01	0.4880E+02	0.1329E-01	0.6368E+02
13.	0.7826E-01	-0.5225E+02	0.8000E-02	0.3780E+02	0.6768E-02	0.4237E+02
14.	0.4247E-01	-0.3898E+01	0.7926E-02	-0.9189E+02	0.1027E-01	-0.8504E+02
15.	0.1578E-01	-0.9611E+00	0.5603E-02	-0.1122E+03	0.4620E-02	-0.1301E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1230E+02	0.0000E+00	0.1273E+02	0.0000E+00	0.1260E+02	0.0000E+00
1.	0.1352E+00	-0.3864E+02	0.1274E+00	-0.2415E+02	0.1318E+00	-0.9238E+01
2.	0.3283E-01	-0.1153E+02	0.2264E-01	-0.1058E+02	0.2055E-01	-0.1549E+02
3.	0.1460E-01	0.1690E+03	0.1189E-01	0.1749E+03	0.1228E-01	-0.1770E+03
4.	0.3979E-02	0.7811E+02	0.2357E-02	0.8231E+02	0.1937E-02	0.3726E+02
5.	0.1651E-01	0.1185E+03	0.1402E-01	0.1236E+03	0.1264E-01	0.1216E+03
6.	0.1335E-01	0.9478E+02	0.1214E-01	0.9623E+02	0.1150E-01	0.9201E+02
7.	0.7776E-02	0.2748E+02	0.6332E-02	0.2792E+02	0.7658E-02	0.2779E+02
8.	0.2398E-02	-0.6309E+01	0.2543E-02	0.3520E+02	0.2307E-02	0.2282E+02
9.	0.7204E-02	-0.1368E+03	0.5284E-02	-0.1128E+03	0.4845E-02	-0.1219E+03
10.	0.4370E-02	0.1367E+03	0.1383E-02	-0.1698E+03	0.6998E-03	0.1683E+03
11.	0.4063E-02	0.5982E+02	0.2987E-02	0.1033E+03	0.1926E-02	0.1223E+03
12.	0.7531E-02	0.3306E+02	0.7398E-02	0.5558E+02	0.7063E-02	0.3974E+02
13.	0.4845E-02	0.4204E+02	0.2904E-02	0.6677E+02	0.3615E-02	0.6046E+02
14.	0.1822E-02	-0.3524E+02	0.2073E-02	-0.3548E+02	0.2337E-02	-0.5725E+02
15.	0.3482E-02	-0.7992E+02	0.1673E-02	-0.4100E+02	0.1588E-02	-0.3153E+02

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1267E+02	0.0000E+00	0.1285E+02	0.0000E+00
1.	0.1222E+00	0.1852E+02	0.1974E+00	0.6840E+02
2.	0.1808E-01	-0.4727E+01	0.1212E-01	0.6278E+02
3.	0.8066E-02	-0.1550E+03	0.7803E-02	-0.8565E+02
4.	0.2956E-02	-0.9728E+02	0.7959E-02	-0.1225E+03
5.	0.9944E-02	0.1346E+03	0.6085E-02	0.1781E+03
6.	0.9287E-02	0.9129E+02	0.3779E-02	0.9451E+02
7.	0.5569E-02	0.3105E+02	0.4329E-02	0.3775E+02
8.	0.2150E-02	0.2359E+02	0.1941E-02	0.4220E+02
9.	0.3803E-02	-0.1159E+03	0.2068E-02	-0.1142E+03
10.	0.6987E-03	-0.1336E+03	0.1607E-02	-0.5982E+02
11.	0.1371E-02	0.1113E+03	0.3225E-03	-0.1240E+02
12.	0.6314E-02	0.5141E+02	0.3926E-02	0.3097E+02
13.	0.3209E-02	0.7512E+02	0.2226E-02	0.1006E+03
14.	0.1396E-02	-0.8117E+02	0.1892E-02	-0.1140E+03
15.	0.1865E-02	-0.5884E+02	0.8120E-03	-0.1304E+03

Table IV-7a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1217E+02	0.0000E+00	0.9950E+01	0.0000E+00	0.9769E+01	0.0000E+00
1.	0.2035E+01	0.1235E+03	0.1039E+01	0.1754E+03	0.1633E+01	-0.1151E+03
2.	0.2409E+00	0.5198E+02	0.9751E-01	0.3093E+02	0.6261E+00	-0.2865E+02
3.	0.1588E+00	0.1157E+03	0.1587E+00	0.1407E+03	0.2013E+00	0.5186E+02
4.	0.2211E+00	0.1574E+03	0.1723E+00	0.1549E+03	0.1048E+00	0.1024E+03
5.	0.1771E+00	0.1571E+03	0.1324E+00	0.1483E+03	0.1090E+00	0.1094E+03
6.	0.1285E+00	0.9892E+02	0.1007E+00	0.8888E+02	0.7594E-01	0.1093E+03
7.	0.1250E+00	0.6270E+02	0.8891E-01	0.5610E+02	0.2722E-01	0.4160E+02
8.	0.6034E-01	0.4607E+02	0.3901E-01	0.4356E+02	0.2539E-01	0.1081E+03
9.	0.3617E-01	-0.9327E+02	0.2794E-01	-0.9533E+02	0.6888E-01	-0.1373E+03
10.	0.2818E-01	-0.1303E+03	0.1363E-01	-0.1164E+03	0.6272E-01	-0.7855E+02
11.	0.3593E-01	0.8071E+02	0.3590E-01	0.6906E+02	0.5570E-01	0.2311E+02
12.	0.7357E-01	0.7425E+02	0.5098E-01	0.6996E+02	0.4844E-01	0.7494E+02
13.	0.4954E-01	0.6811E+02	0.2843E-01	0.6118E+02	0.4994E-02	0.9038E+02
14.	0.2816E-01	-0.2602E+02	0.2397E-01	-0.4970E+02	0.1640E-01	-0.3467E+02
15.	0.4436E-01	-0.5107E+02	0.3288E-01	-0.5200E+02	0.6032E-02	-0.3871E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1074E+02	0.0000E+00	0.1144E+02	0.0000E+00	0.1152E+02	0.0000E+00
1.	0.7306E+00	-0.1026E+03	0.6790E+00	-0.9239E+02	0.5855E+00	-0.8621E+02
2.	0.2222E+00	-0.9539E+01	0.1791E+00	-0.5800E+01	0.1348E+00	-0.4188E+01
3.	0.7871E-01	0.1067E+03	0.4561E-01	0.1157E+03	0.3512E-01	0.1223E+03
4.	0.5501E-01	0.1696E+03	0.1885E-01	0.1526E+03	0.1095E-01	0.1240E+03
5.	0.1894E-01	-0.1683E+03	0.2519E-01	0.1255E+03	0.2727E-01	0.1292E+03
6.	0.3707E-01	0.6229E+02	0.2845E-01	0.9561E+02	0.2223E-01	0.1085E+03
7.	0.3311E-01	0.7198E+02	0.1456E-01	0.5088E+02	0.9773E-02	0.2937E+02
8.	0.8119E-02	0.1692E+03	0.1745E-02	0.7562E+01	0.7802E-02	0.1151E+02
9.	0.2300E-01	-0.6657E+02	0.1720E-01	-0.5540E+02	0.1292E-01	-0.5217E+02
10.	0.1862E-02	-0.9188E+02	0.9525E-03	-0.1102E+03	0.1124E-02	-0.1626E+03
11.	0.1368E-01	0.1382E+03	0.1292E-01	0.1400E+03	0.9798E-02	0.1421E+03
12.	0.1579E-01	0.1047E+03	0.1382E-01	0.1080E+03	0.1192E-01	0.1195E+03
13.	0.7716E-02	0.6878E+02	0.4354E-02	0.7005E+02	0.3715E-02	0.7415E+02
14.	0.5748E-02	0.1320E+02	0.8531E-02	0.4138E+01	0.6126E-02	-0.2435E+01
15.	0.6020E-02	-0.2931E+02	0.4908E-02	0.6135E+00	0.2645E-02	0.6817E+01

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.1215E+02	0.0000E+00	0.1259E+02	0.0000E+00
1.	0.3183E+00	-0.6094E+02	0.2366E+00	-0.4275E+02	0.1948E+00	-0.2968E+01
2.	0.6665E-01	-0.6470E+01	0.5223E-01	-0.2127E+01	0.4718E-01	-0.1128E+02
3.	0.2714E-01	0.1411E+03	0.2431E-01	0.1508E+03	0.3674E-01	0.1628E+03
4.	0.1152E-01	0.1057E+03	0.1594E-01	0.1171E+03	0.1710E-01	0.1061E+03
5.	0.2171E-01	0.1203E+03	0.2111E-01	0.1224E+03	0.1440E-01	0.1417E+03
6.	0.1989E-01	0.9357E+02	0.1819E-01	0.1059E+03	0.1809E-01	0.1102E+03
7.	0.1298E-01	0.1123E+02	0.1110E-01	0.2176E+02	0.8268E-02	0.3116E+02
8.	0.6920E-02	-0.1285E+02	0.8933E-02	-0.4563E+01	0.4562E-02	0.6658E+01
9.	0.9316E-02	-0.1022E+03	0.1281E-01	-0.1002E+03	0.5603E-02	-0.1286E+03
10.	0.2784E-02	0.4220E+02	0.3451E-02	0.1284E+03	0.3122E-02	0.1676E+03
11.	0.5077E-02	0.9589E+02	0.8438E-02	0.8633E+02	0.4782E-02	0.8763E+02
12.	0.9805E-02	0.7316E+02	0.7318E-02	0.8443E+02	0.5878E-02	0.6952E+02
13.	0.3447E-02	0.4628E+02	0.4962E-02	0.9780E+02	0.3252E-02	0.7799E+02
14.	0.4270E-02	-0.5815E+02	0.5150E-02	-0.2097E+02	0.2013E-02	0.1057E+02
15.	0.2613E-02	-0.6892E+02	0.4640E-02	-0.7755E+02	0.2354E-02	-0.3493E+01

Table IV-7a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1249E+02	0.0000E+00	0.1265E+02	0.0000E+00	0.1238E+02	0.0000E+00
1.	0.2375E+00	0.1898E+02	0.3259E+00	0.4133E+02	0.9075E+00	0.4430E+02
2.	0.6927E-01	-0.1660E+02	0.1462E+00	-0.2935E+02	0.3606E+00	-0.9126E+02
3.	0.4707E-01	-0.1710E+03	0.9802E-01	-0.1667E+03	0.1212E+00	0.1164E+03
4.	0.2296E-01	0.1075E+03	0.4290E-01	0.7275E+02	0.2811E-01	-0.8461E+02
5.	0.8001E-02	0.1344E+03	0.1343E-01	-0.8207E+02	0.2604E-01	0.1657E+03
6.	0.1239E-01	0.1260E+03	0.1701E-01	0.1590E+03	0.2396E-01	0.6974E+02
7.	0.6765E-02	0.6874E+02	0.1028E-01	0.9610E+02	0.1505E-01	-0.5944E+02
8.	0.7677E-02	0.2056E+02	0.1319E-01	0.1777E+02	0.9192E-02	0.1169E+03
9.	0.1026E-01	-0.9910E+02	0.1220E-01	-0.8394E+02	0.1357E-02	0.2635E+01
10.	0.3497E-02	-0.1733E+03	0.4509E-02	0.1789E+03	0.9443E-02	0.2300E+02
11.	0.4281E-02	0.8648E+02	0.3910E-02	0.3622E+02	0.1185E-01	-0.7370E+02
12.	0.4950E-02	0.4554E+02	0.5248E-02	0.3862E+02	0.1073E-01	0.1454E+03
13.	0.5148E-02	0.9026E+02	0.5096E-02	0.1233E+03	0.8045E-02	0.1012E+03
14.	0.3638E-02	0.2360E+02	0.5474E-02	0.6553E+02	0.3299E-02	0.7894E+02
15.	0.3949E-02	-0.4291E+02	0.8259E-02	-0.4497E+02	0.9152E-02	-0.4188E+02

Table IV-7b. Harmonic pressure data for 98 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1371E+02	0.0000E+00	0.1344E+02	0.0000E+00	0.1321E+02	0.0000E+00
1.	0.8272E+00	0.9185E+02	0.2620E+00	0.1088E+03	0.5698E-01	-0.1592E+03
2.	0.9781E-01	-0.8794E+02	0.1429E+00	-0.3127E+02	0.1240E+00	-0.1887E+02
3.	0.3364E-01	-0.1057E+03	0.8311E-02	0.5537E+02	0.1475E-01	0.7613E+02
4.	0.1344E-01	-0.1303E+03	0.2132E-01	-0.2571E+02	0.1920E-01	-0.2069E+02
5.	0.2927E-01	0.1098E+03	0.2137E-01	0.8299E+02	0.1004E-01	0.6149E+02
6.	0.2798E-01	0.3216E+02	0.1119E-01	-0.1542E+03	0.1749E-01	-0.1572E+03
7.	0.3171E-01	-0.1503E+02	0.2179E-01	-0.1145E+03	0.2625E-01	-0.1272E+03
8.	0.2320E-01	-0.4441E+02	0.2228E-01	-0.1480E+03	0.2030E-01	-0.1625E+03
9.	0.9786E-02	-0.1295E+03	0.2648E-01	-0.1651E+03	0.2278E-01	-0.1761E+03
10.	0.2135E-02	0.1584E+03	0.1879E-01	-0.1410E+03	0.1808E-01	-0.1453E+03
11.	0.1536E-01	0.6853E+02	0.5408E-02	-0.1307E+03	0.1146E-01	-0.1270E+03
12.	0.9486E-02	-0.3497E+02	0.2079E-01	-0.1235E+03	0.1705E-01	-0.1339E+03
13.	0.1551E-01	-0.3158E+02	0.1777E-01	-0.7506E+02	0.1223E-01	-0.9729E+02
14.	0.1196E-01	-0.1367E+03	0.8993E-02	0.1780E+03	0.4921E-02	0.1772E+03
15.	0.8825E-02	-0.1246E+03	0.1094E-01	-0.1336E+03	0.5848E-02	-0.1462E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1292E+02	0.0000E+00	0.1300E+02	0.0000E+00	0.1314E+02	0.0000E+00
1.	0.1677E+00	-0.1041E+03	0.6465E-01	-0.1268E+03	0.3049E-01	0.1666E+03
2.	0.1026E+00	-0.1628E+02	0.6260E-01	-0.1988E+02	0.2992E-01	-0.2291E+02
3.	0.1615E-01	0.6872E+02	0.6063E-03	-0.7989E+02	0.1800E-02	-0.8041E+02
4.	0.1023E-01	0.5753E+01	0.7286E-02	0.1081E+01	0.5780E-02	-0.1053E+02
5.	0.4438E-02	0.6135E+02	0.1088E-02	-0.7464E+01	0.1400E-02	-0.1130E+03
6.	0.1213E-01	0.1797E+03	0.4652E-02	0.1747E+03	0.8946E-03	0.1445E+02
7.	0.1736E-01	-0.1463E+03	0.1212E-01	-0.1223E+03	0.6699E-02	-0.1085E+03
8.	0.1212E-01	0.1745E+03	0.3774E-02	0.1688E+03	0.8421E-03	0.1253E+03
9.	0.1242E-01	0.1698E+03	0.7545E-02	0.1525E+03	0.4780E-02	0.1398E+03
10.	0.9006E-02	-0.1594E+03	0.5632E-02	-0.1674E+03	0.3935E-02	-0.1742E+03
11.	0.6670E-02	-0.1370E+03	0.4209E-02	-0.1478E+03	0.3099E-02	-0.1736E+03
12.	0.7542E-02	-0.1518E+03	0.1704E-02	-0.1401E+03	0.1914E-02	-0.1787E+03
13.	0.6483E-02	-0.1288E+03	0.4542E-02	-0.1485E+03	0.3598E-02	-0.1490E+03
14.	0.1023E-02	0.1573E+03	0.1394E-02	-0.1278E+03	0.2294E-02	-0.1152E+03
15.	0.1984E-02	0.1639E+03	0.3251E-03	0.1355E+03	0.5540E-03	-0.1561E+03



Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1447E+02	0.0000E+00	0.1311E+02	0.0000E+00	0.1309E+02	0.0000E+00
1.	0.9785E+00	0.9473E+02	0.3635E+00	-0.8927E+02	0.3701E+00	-0.9007E+02
2.	0.5838E-01	-0.3559E+02	0.1317E+00	-0.1391E+02	0.1056E+00	-0.1330E+02
3.	0.7164E-01	-0.5555E+02	0.1152E+00	0.2598E+01	0.8483E-01	0.8393E+01
4.	0.4563E-01	-0.1357E+03	0.5414E-01	0.4107E+02	0.4652E-01	0.4342E+02
5.	0.4267E-01	-0.1327E+03	0.4410E-01	-0.5025E+02	0.2990E-01	-0.4947E+02
6.	0.2015E-01	0.5408E+02	0.5109E-01	-0.1001E+01	0.3995E-01	-0.6950E+01
7.	0.5701E-02	0.4943E+02	0.2171E-01	0.6900E+02	0.1502E-01	0.6483E+02
8.	0.3638E-01	-0.7176E+02	0.1011E-01	0.5354E+02	0.8179E-02	0.7795E+02
9.	0.2963E-01	-0.8326E+02	0.2379E-01	0.1589E+02	0.1760E-01	0.2342E+02
10.	0.2237E-01	-0.1369E+03	0.2256E-01	0.3645E+02	0.1958E-01	0.3548E+02
11.	0.1495E-01	-0.1568E+03	0.8703E-02	0.9368E+02	0.8615E-02	0.7818E+02
12.	0.7260E-02	-0.7402E+02	0.6387E-02	0.1742E+03	0.5906E-02	0.1752E+03
13.	0.1812E-01	-0.4809E+02	0.4373E-02	0.5597E+02	0.2363E-02	0.6020E+02
14.	0.1913E-01	-0.7182E+02	0.0955E-02	0.7002E+02	0.7362E-02	0.7698E+02
15.	0.1618E-01	-0.1201E+03	0.9286E-02	0.1260E+03	0.8341E-02	0.1092E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1300E+02	0.0000E+00	0.1300E+02	0.0000E+00	0.1310E+02	0.0000E+00
1.	0.3796E+00	-0.9096E+02	0.1747E+00	-0.9604E+02	0.1168E+00	-0.1028E+03
2.	0.9496E-01	-0.1054E+02	0.4806E-01	-0.7989E+01	0.3766E-01	-0.5583E+01
3.	0.6129E-01	0.9361E+01	0.3153E-01	0.1197E+02	0.2323E-01	0.1032E+02
4.	0.4053E-01	0.4989E+02	0.2157E-01	0.4984E+02	0.1727E-01	0.4530E+02
5.	0.1949E-01	-0.3916E+02	0.1033E-01	-0.5515E+02	0.9829E-02	-0.5732E+02
6.	0.2987E-01	-0.8925E+01	0.1534E-01	-0.1292E+02	0.1179E-01	-0.1306E+02
7.	0.9975E-02	0.5982E+02	0.4790E-02	-0.1466E+02	0.4415E-02	-0.4331E+02
8.	0.7712E-02	0.9141E+02	0.3874E-02	0.7538E+02	0.2520E-02	0.6091E+02
9.	0.1253E-01	0.3448E+02	0.7235E-02	0.6674E+02	0.5989E-02	0.6038E+02
10.	0.1728E-01	0.3741E+02	0.7707E-02	0.5306E+02	0.6137E-02	0.4610E+02
11.	0.8279E-02	0.6753E+02	0.3543E-02	0.5479E+02	0.3644E-02	0.4372E+02
12.	0.4875E-02	0.1617E+03	0.3662E-02	-0.1649E+03	0.1655E-02	-0.1778E+03
13.	0.1270E-02	0.9949E+02	0.1909E-02	-0.1371E+03	0.1352E-02	-0.1462E+03
14.	0.5234E-02	0.8544E+02	0.1010E-02	0.1184E+03	0.1649E-02	0.1561E+03
15.	0.6557E-02	0.9085E+02	0.4618E-02	0.1190E+03	0.3726E-02	0.1208E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1331E+02	0.0000E+00	0.1315E+02	0.0000E+00
1.	0.6842E-01	-0.1170E+03	0.5936E-01	0.1251E+03
2.	0.1812E-01	-0.6525E+01	0.3372E-02	0.7748E+01
3.	0.1326E-01	0.4928E+01	0.6833E-02	-0.2279E+02
4.	0.1143E-01	0.5257E+02	0.5725E-02	0.9131E+01
5.	0.5375E-02	-0.6352E+02	0.5733E-02	-0.1002E+03
6.	0.8241E-02	-0.2061E+02	0.4338E-02	-0.2950E+02
7.	0.3684E-02	-0.5569E+02	0.9272E-02	-0.5814E+02
8.	0.3054E-02	0.7784E+02	0.3228E-02	-0.7668E+01
9.	0.4036E-02	0.6869E+02	0.4241E-02	0.1021E+03
10.	0.4129E-02	0.5475E+02	0.2702E-02	0.1201E+03
11.	0.2750E-02	0.3673E+02	0.3286E-02	0.5854E+02
12.	0.8906E-03	-0.1543E+03	0.1510E-02	0.1059E+03
13.	0.1265E-02	-0.1113E+03	0.1641E-02	-0.5448E+02
14.	0.5786E-03	-0.7989E+02	0.4355E-02	-0.9664E+02
15.	0.3323E-02	0.1071E+03	0.3198E-02	-0.1757E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1383E+02	0.0000E+00	0.1290E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.3753E+00	-0.5448E+02	0.7630E+00	-0.7364E+02	0.7872E+00	-0.8031E+02
2.	0.1550E-01	0.1142E+03	0.5991E-01	0.2052E+02	0.6389E-01	-0.3495E+01
3.	0.1653E+00	-0.3346E+02	0.1386E+00	-0.2504E+02	0.9749E-01	-0.2446E+02
4.	0.6580E-01	0.3213E+02	0.6430E-01	0.2617E+02	0.6348E-01	0.3695E+02
5.	0.3937E-01	-0.1244E+03	0.4473E-01	-0.1401E+03	0.1494E-01	-0.1360E+03
6.	0.5501E-01	-0.6417E+02	0.5742E-01	-0.5481E+02	0.4347E-01	-0.6366E+02
7.	0.2045E-01	0.1296E+02	0.3502E-01	-0.3923E+02	0.2044E-01	-0.2686E+02
8.	0.1938E-01	0.1089E+03	0.1235E-01	0.5695E+02	0.1124E-01	0.9311E+02
9.	0.1673E-01	-0.1453E+03	0.1468E-01	0.1572E+03	0.9124E-02	0.1531E+03
10.	0.2358E-01	-0.6959E+02	0.1481E-01	-0.8408E+02	0.1505E-01	-0.6326E+02
11.	0.1105E-01	-0.1089E+02	0.9417E-02	0.1633E+02	0.1523E-01	-0.1659E+02
12.	0.1128E-01	0.1542E+03	0.1115E-01	0.1762E+03	0.1130E-02	-0.1383E+03
13.	0.9808E-02	-0.1525E+03	0.5730E-02	-0.1392E+03	0.7023E-02	-0.1564E+03
14.	0.9558E-02	-0.9410E+02	0.1894E-01	-0.9434E+02	0.8364E-02	-0.8946E+02
15.	0.4955E-02	-0.9008E+02	0.6759E-02	0.1782E+03	0.3094E-02	-0.2971E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1302E+02	0.0000E+00	0.1300E+02	0.0000E+00	0.1312E+02	0.0000E+00
1.	0.3876E+00	-0.8675E+02	0.3209E+00	-0.8880E+02	0.2063E+00	-0.9348E+02
2.	0.3259E-01	-0.9995E+01	0.2390E-01	-0.8388E+01	0.1655E-01	-0.1293E+02
3.	0.3650E-01	-0.1776E+02	0.3163E-01	-0.1801E+02	0.2426E-01	-0.2238E+02
4.	0.2836E-01	0.4089E+02	0.2455E-01	0.3613E+02	0.1758E-01	0.3138E+02
5.	0.6303E-02	-0.5429E+02	0.6314E-02	-0.7263E+02	0.7230E-02	-0.7842E+02
6.	0.2045E-01	-0.6355E+02	0.1771E-01	-0.5875E+02	0.1488E-01	-0.6611E+02
7.	0.9680E-02	-0.4682E+02	0.1058E-01	-0.5132E+02	0.8723E-02	-0.5869E+02
8.	0.3904E-02	0.7614E+02	0.2644E-02	0.5450E+02	0.2098E-02	0.3955E+02
9.	0.3552E-02	0.9879E+02	0.3810E-02	0.8912E+02	0.3513E-02	0.7750E+02
10.	0.5571E-02	-0.2486E+02	0.4993E-02	-0.2303E+02	0.3711E-02	-0.2655E+02
11.	0.9030E-02	-0.1833E+02	0.7100E-02	-0.1973E+02	0.6291E-02	-0.2885E+02
12.	0.2519E-02	-0.1986E+02	0.2733E-02	-0.2762E+02	0.2736E-02	-0.4702E+02
13.	0.1870E-02	-0.1487E+03	0.1018E-02	-0.1580E+03	0.1746E-02	-0.1495E+03
14.	0.2310E-02	-0.1023E+03	0.2766E-02	-0.1239E+03	0.2452E-02	-0.1360E+03
15.	0.2249E-02	0.1737E+01	0.1438E-02	0.1553E+02	0.4687E-03	-0.1062E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1320E+02	0.0000E+00	0.1313E+02	0.0000E+00
1.	0.1159E+00	-0.1039E+03	0.3659E-01	0.1403E+03
2.	0.7414E-02	-0.9067E+01	0.8060E-02	-0.1718E+03
3.	0.1547E-01	-0.3026E+02	0.5997E-02	-0.4642E+02
4.	0.1121E-01	0.2570E+02	0.4171E-02	0.3625E+01
5.	0.7150E-02	-0.9753E+02	0.4695E-02	-0.1085E+03
6.	0.1013E-01	-0.5875E+02	0.4302E-02	-0.5288E+02
7.	0.7112E-02	-0.6520E+02	0.4456E-02	-0.7990E+02
8.	0.1939E-02	-0.2024E+02	0.1002E-02	-0.4010E+02
9.	0.3181E-02	0.7782E+02	0.1392E-02	0.5019E+02
10.	0.2189E-02	-0.3622E+02	0.2915E-03	0.1230E+03
11.	0.3322E-02	-0.2562E+02	0.1113E-02	-0.5028E+02
12.	0.2495E-02	-0.6247E+02	0.1152E-02	-0.8377E+02
13.	0.1318E-02	-0.1513E+03	0.4503E-03	-0.1254E+03
14.	0.2555E-02	-0.1343E+03	0.2085E-02	-0.1475E+03
15.	0.1607E-02	-0.1748E+03	0.1789E-02	-0.1778E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1522E+02	0.0000E+00	0.1307E+02	0.0000E+00	0.1249E+02	0.0000E+00
1.	0.5492E+00	0.4232E+02	0.7950E+00	-0.5432E+02	0.1306E+01	-0.7060E+02
2.	0.1785E+00	0.1396E+03	0.1339E+00	0.1596E+03	0.3901E-01	0.9794E+02
3.	0.2685E+00	-0.5416E+02	0.2142E+00	-0.5230E+02	0.1601E+00	-0.5119E+02
4.	0.8224E-01	-0.1768E+02	0.1114E+00	0.1039E+01	0.1102E+00	0.8274E+01
5.	0.1200E-01	-0.1188E+03	0.2097E-01	-0.1729E+02	0.2135E-01	0.2817E+02
6.	0.3722E-01	-0.1037E+03	0.5678E-01	-0.8780E+02	0.5414E-01	-0.8081E+02
7.	0.2358E-01	-0.3670E+02	0.4305E-01	-0.7135E+02	0.5249E-01	-0.7284E+02
8.	0.3431E-01	0.2318E+02	0.2516E-01	0.2158E+02	0.2463E-01	0.2589E+01
9.	0.1272E-01	0.1337E+03	0.2307E-01	0.1163E+03	0.2858E-01	0.1071E+03
10.	0.3260E-01	-0.1187E+03	0.2154E-01	-0.1181E+03	0.1397E-01	-0.1371E+03
11.	0.2109E-01	-0.7519E+02	0.3313E-01	-0.5658E+02	0.3138E-01	-0.5487E+02
12.	0.1246E-01	0.6533E+02	0.1254E-01	0.3173E+01	0.1948E-01	-0.2188E+02
13.	0.1608E-01	0.1186E+03	0.9457E-02	0.1431E+03	0.3939E-02	0.1174E+03
14.	0.8950E-02	-0.1200E+03	0.1339E-01	-0.1415E+03	0.1763E-01	-0.1489E+03
15.	0.1175E-01	-0.6780E+02	0.8961E-02	-0.8099E+02	0.9535E-02	-0.1218E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1203E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1275E+02	0.0000E+00
1.	0.1269E+01	-0.7515E+02	0.7230E+00	-0.8188E+02	0.4453E+00	-0.8473E+02
2.	0.5962E-01	0.2674E+02	0.4368E-01	-0.1203E+01	0.1033E-01	-0.2860E+02
3.	0.1103E+00	-0.4701E+02	0.4568E-01	-0.3340E+02	0.3047E-01	-0.3646E+02
4.	0.8854E-01	0.1103E+02	0.3794E-01	0.1346E+02	0.2550E-01	0.1207E+02
5.	0.1968E-01	0.4153E+02	0.1158E-01	0.1334E+02	0.1335E-01	-0.1514E+02
6.	0.3935E-01	-0.8261E+02	0.2099E-01	-0.6555E+02	0.1731E-01	-0.6862E+02
7.	0.5123E-01	-0.7506E+02	0.2461E-01	-0.7448E+02	0.1651E-01	-0.7684E+02
8.	0.2297E-01	-0.1122E+02	0.9292E-02	-0.2083E+02	0.4423E-02	-0.3262E+02
9.	0.2584E-01	0.1079E+03	0.1140E-01	0.8041E+02	0.8058E-02	0.7302E+02
10.	0.1110E-01	-0.1769E+03	0.1571E-02	0.1014E+03	0.1909E-02	0.2491E+02
11.	0.2204E-01	-0.5158E+02	0.9247E-02	-0.4282E+02	0.7681E-02	-0.3708E+02
12.	0.1849E-01	-0.3037E+02	0.1089E-01	-0.4665E+02	0.7754E-02	-0.5239E+02
13.	0.2369E-02	0.6168E+02	0.1738E-02	-0.8037E+02	0.2532E-02	-0.8779E+02
14.	0.1503E-01	-0.1471E+03	0.6329E-02	0.1364E+03	0.4168E-02	-0.1574E+03
15.	0.1056E-01	-0.1402E+03	0.4379E-02	-0.1676E+03	0.1129E-02	0.1644E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1270E+02	0.0000E+00	0.1291E+02	0.0000E+00	0.1309E+02	0.0000E+00
1.	0.3813E+00	-0.8848E+02	0.2943E+00	-0.8890E+02	0.1624E+00	-0.1008E+03
2.	0.7493E-02	-0.6730E+02	0.4554E-02	-0.1041E+03	0.5980E-02	-0.1789E+03
3.	0.2808E-01	-0.3795E+02	0.2233E-01	-0.3948E+02	0.1378E-01	-0.4474E+02
4.	0.2167E-01	0.1201E+02	0.1765E-01	0.1299E+02	0.9840E-02	0.4587E+01
5.	0.1188E-01	-0.2008E+02	0.1069E-01	-0.3330E+02	0.9770E-02	-0.6055E+02
6.	0.1683E-01	-0.6971E+02	0.1466E-01	-0.6918E+02	0.1068E-01	-0.7241E+02
7.	0.1295E-01	-0.8177E+02	0.1211E-01	-0.7880E+02	0.9809E-02	-0.8197E+02
8.	0.3090E-02	-0.4946E+02	0.3055E-02	-0.5014E+02	0.2518E-02	-0.4898E+02
9.	0.6779E-02	0.6757E+02	0.5729E-02	0.7142E+02	0.4200E-02	0.5327E+02
10.	0.2629E-02	0.6312E+01	0.2348E-02	0.2524E+01	0.1020E-02	0.9159E+01
11.	0.7309E-02	-0.4022E+02	0.6479E-02	-0.3676E+02	0.3948E-02	-0.4640E+02
12.	0.8897E-02	-0.5159E+02	0.0007E-02	-0.5547E+02	0.5399E-02	-0.8979E+02
13.	0.2772E-02	-0.9645E+02	0.2532E-02	-0.1043E+03	0.2670E-02	-0.1010E+03
14.	0.4123E-02	-0.1454E+03	0.3393E-02	-0.1529E+03	0.3034E-02	-0.1553E+03
15.	0.1924E-02	0.1799E+03	0.1384E-02	0.1543E+03	0.2424E-02	0.1387E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1311E+02	0.0000E+00
1.	0.2492E-01	0.1427E+03
2.	0.1284E-01	0.1677E+03
3.	0.4635E-02	-0.4858E+02
4.	0.2990E-02	-0.1536E+02
5.	0.6391E-02	-0.9440E+02
6.	0.7358E-02	-0.6418E+02
7.	0.3748E-02	-0.7464E+02
8.	0.1916E-02	-0.1231E+03
9.	0.0798E-03	0.5146E+02
10.	0.6694E-03	-0.6612E+02
11.	0.1903E-02	-0.3601E+02
12.	0.3014E-02	-0.7904E+02
13.	0.1789E-02	-0.1236E+03
14.	0.1803E-02	-0.1358E+03
15.	0.1983E-02	0.1304E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1477E+02	0.0000E+00	0.1321E+02	0.0000E+00	0.1180E+02	0.0000E+00
1.	0.4969E+00	0.8395E+01	0.1164E+01	-0.5876E+02	0.1675E+01	-0.7175E+02
2.	0.2093E+00	0.1552E+03	0.1621E+00	0.1663E+03	0.5352E-01	0.7050E+02
3.	0.2572E+00	-0.5440E+02	0.2298E+00	-0.5486E+02	0.1527E+00	-0.5590E+02
4.	0.1115E+00	-0.2099E+02	0.1418E+00	-0.7599E+01	0.1433E+00	0.6818E+00
5.	0.2100E-01	-0.1519E+02	0.5120E-01	0.3935E+01	0.5523E-01	0.3419E+02
6.	0.3950E-01	-0.9515E+02	0.5452E-01	-0.7701E+02	0.4742E-01	-0.8235E+02
7.	0.3247E-01	-0.6428E+02	0.6124E-01	-0.7835E+02	0.7051E-01	-0.7787E+02
8.	0.2890E-01	0.1764E+02	0.2838E-01	-0.5339E+01	0.2960E-01	-0.1319E+02
9.	0.2072E-01	0.1068E+03	0.3251E-01	0.9882E+02	0.3483E-01	0.9232E+02
10.	0.2507E-01	-0.1329E+03	0.1333E-01	-0.1524E+03	0.1418E-01	0.1757E+03
11.	0.3221E-01	-0.8423E+02	0.3039E-01	-0.6917E+02	0.2676E-01	-0.6735E+02
12.	0.1612E-01	-0.1494E+02	0.2859E-01	-0.3129E+02	0.3405E-01	-0.3405E+02
13.	0.1563E-01	0.1038E+03	0.5322E-02	0.1123E+03	0.5846E-02	0.1593E+02
14.	0.1315E-01	-0.1578E+03	0.1954E-01	-0.1585E+03	0.1643E-01	-0.1621E+03
15.	0.1304E-01	-0.1088E+03	0.1535E-01	-0.1384E+03	0.1427E-01	-0.1539E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1193E+02	0.0000E+00	0.1243E+02	0.0000E+00	0.1247E+02	0.0000E+00
1.	0.1328E+01	-0.7508E+02	0.1285E+01	-0.7825E+02	0.7233E+00	-0.8368E+02
2.	0.6206E-01	0.2515E+02	0.9994E-01	0.9528E+01	0.3429E-01	-0.8936E+01
3.	0.9319E-01	-0.5137E+02	0.6646E-01	-0.3997E+02	0.3404E-01	-0.3285E+02
4.	0.9578E-01	0.8390E+00	0.7442E-01	0.2764E+01	0.3441E-01	0.3151E+01
5.	0.4139E-01	0.2613E+02	0.3342E-01	0.2371E+02	0.2594E-01	-0.6286E+01
6.	0.3054E-01	-0.8172E+02	0.2363E-01	-0.7628E+02	0.1773E-01	-0.6381E+02
7.	0.5130E-01	-0.8100E+02	0.4652E-01	-0.8135E+02	0.2671E-01	-0.8393E+02
8.	0.2308E-01	-0.2765E+02	0.2547E-01	-0.2958E+02	0.1165E-01	-0.4036E+02
9.	0.2501E-01	0.8379E+02	0.2421E-01	0.7516E+02	0.1288E-01	0.5708E+02
10.	0.9680E-02	0.1435E+03	0.9003E-02	0.1231E+03	0.6153E-02	0.5806E+02
11.	0.1698E-01	-0.7055E+02	0.9690E-02	-0.6398E+02	0.4448E-02	-0.1526E+02
12.	0.2357E-01	-0.4440E+02	0.2004E-01	-0.5567E+02	0.9789E-02	-0.8094E+02
13.	0.6202E-02	-0.2829E+02	0.6995E-02	-0.3741E+02	0.4856E-02	-0.6825E+02
14.	0.1110E-01	-0.1604E+03	0.8180E-02	-0.1531E+03	0.4404E-02	-0.1527E+03
15.	0.9556E-02	-0.1844E+03	0.1153E-01	-0.1876E+03	0.5046E-02	0.1775E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1293E+02	0.0000E+00	0.1273E+02	0.0000E+00	0.1307E+02	0.0000E+00
1.	0.5799E+00	-0.8494E+02	0.4207E+00	-0.8631E+02	0.3368E+00	-0.8955E+02
2.	0.1690E-01	-0.2782E+02	0.3891E-02	-0.6615E+02	0.6628E-02	-0.1510E+03
3.	0.3070E-01	-0.3872E+02	0.2318E-01	-0.3750E+02	0.1963E-01	-0.4034E+02
4.	0.2845E-01	0.2556E+01	0.2018E-01	-0.6921E+01	0.1670E-01	-0.2897E+01
5.	0.2250E-01	-0.1146E+02	0.1973E-01	-0.2799E+02	0.1786E-01	-0.2847E+02
6.	0.1855E-01	-0.6190E+02	0.1722E-01	-0.6238E+02	0.1664E-01	-0.6283E+02
7.	0.2044E-01	-0.8548E+02	0.2042E-01	-0.8482E+02	0.1519E-01	-0.8785E+02
8.	0.8736E-02	-0.4721E+02	0.8229E-02	-0.4310E+02	0.5349E-02	-0.5086E+02
9.	0.1038E-01	0.5993E+02	0.1047E-01	0.6392E+02	0.8289E-02	0.5709E+02
10.	0.5056E-02	0.5291E+02	0.4240E-02	0.4741E+02	0.4260E-02	0.2930E+02
11.	0.5464E-02	-0.1808E+02	0.4121E-02	0.1837E+01	0.4664E-02	-0.2210E+02
12.	0.9323E-02	-0.7516E+02	0.7727E-02	-0.9485E+02	0.7113E-02	-0.8643E+02
13.	0.5107E-02	-0.7672E+02	0.4283E-02	-0.8914E+02	0.4533E-02	-0.1003E+03
14.	0.4327E-02	-0.1572E+03	0.5226E-02	-0.1488E+03	0.3773E-02	-0.1605E+03
15.	0.3841E-02	0.1748E+03	0.5085E-02	0.1779E+03	0.3619E-02	0.1712E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1202E+02	0.0000E+00	0.1316E+02	0.0000E+00	0.1304E+02	0.0000E+00
1.	0.1577E+00	-0.9118E+02	0.2118E+00	-0.9351E+02	0.1194E+00	-0.1087E+03
2.	0.6065E-01	0.1706E+03	0.1321E-01	-0.1686E+03	0.1520E-01	0.1727E+03
3.	0.1008E-01	-0.3557E+01	0.1637E-01	-0.5284E+02	0.1032E-01	-0.4927E+02
4.	0.4280E-02	0.1414E+03	0.1102E-01	0.1434E+00	0.5599E-02	0.7235E+00
5.	0.1712E-01	-0.2657E+02	0.1255E-01	-0.2934E+02	0.1165E-01	-0.5102E+02
6.	0.1283E-01	-0.9742E+02	0.1506E-01	-0.6952E+02	0.1264E-01	-0.7490E+02
7.	0.8502E-02	-0.9798E+02	0.8255E-02	-0.8705E+02	0.7863E-02	-0.9311E+02
8.	0.7194E-02	-0.1566E+03	0.2398E-02	-0.8578E+02	0.1978E-02	-0.8273E+02
9.	0.1718E-02	0.4165E+02	0.4583E-02	0.6873E+02	0.3948E-02	0.5983E+02
10.	0.2903E-02	-0.3075E+02	0.1968E-02	0.2290E+02	0.2182E-02	-0.1392E+00
11.	0.6285E-02	-0.4678E+02	0.5515E-02	-0.5083E+02	0.3839E-02	-0.3656E+02
12.	0.6331E-02	-0.9328E+02	0.7610E-02	-0.6791E+02	0.6042E-02	-0.8847E+02
13.	0.4596E-02	-0.1104E+03	0.3269E-02	-0.9634E+02	0.2926E-02	-0.1058E+03
14.	0.3633E-02	-0.1443E+03	0.3634E-02	-0.1681E+03	0.3707E-02	-0.1781E+03
15.	0.1154E-02	-0.1687E+03	0.2670E-02	0.1597E+03	0.2520E-02	0.1481E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1447E+02	0.0000E+00	0.1216E+02	0.0000E+00	0.1193E+02	0.0000E+00
1.	0.0646E+00	-0.1304E+02	0.1599E+01	-0.6266E+02	0.1193E+01	-0.8255E+02
2.	0.2961E+00	0.1715E+03	0.1959E+00	0.1758E+03	0.7898E-01	-0.1249E+02
3.	0.2778E+00	-0.5759E+02	0.2711E+00	-0.6230E+02	0.5859E-01	-0.3831E+02
4.	0.1581E+00	-0.2589E+02	0.1995E+00	-0.1087E+02	0.5770E-01	-0.1066E+00
5.	0.7718E-01	-0.6350E+01	0.1010E+00	0.1089E+02	0.3657E-01	0.1579E+02
6.	0.5169E-01	-0.8315E+02	0.5869E-01	-0.7444E+02	0.1957E-01	-0.4179E+02
7.	0.4660E-01	-0.8641E+02	0.7220E-01	-0.8452E+02	0.3359E-01	-0.8240E+02
8.	0.2471E-01	-0.8334E+01	0.2896E-01	-0.4050E+02	0.2031E-01	-0.6106E+02
9.	0.2810E-01	0.9004E+02	0.3217E-01	0.8015E+02	0.1198E-01	0.5670E+02
10.	0.1516E-01	-0.1716E+03	0.1744E-01	0.1336E+03	0.9184E-02	0.7942E+02
11.	0.3675E-01	-0.9965E+02	0.3544E-01	-0.9275E+02	0.2040E-02	-0.1273E+02
12.	0.3493E-01	-0.5489E+02	0.4895E-01	-0.5198E+02	0.1530E-01	-0.6817E+02
13.	0.9861E-02	0.4961E+02	0.1053E-01	-0.8515E+01	0.1154E-01	-0.5699E+02
14.	0.2178E-01	0.1491E+03	0.2084E-01	0.1685E+03	0.7884E-02	-0.1139E+03
15.	0.2281E-01	-0.1512E+03	0.2673E-01	-0.1629E+03	0.8110E-02	-0.1695E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1252E+02	0.0000E+00	0.1261E+02	0.0000E+00	0.1304E+02	0.0000E+00
1.	0.5290E+00	-0.8501E+02	0.3441E+00	-0.9102E+02	0.9939E-01	-0.9631E+02
2.	0.1048E-01	0.5434E+02	0.1516E-01	0.1362E+03	0.2656E-01	0.1191E+03
3.	0.2852E-01	-0.4326E+02	0.1727E-01	-0.3505E+02	0.8505E-02	-0.4124E+00
4.	0.2038E-01	-0.1027E+02	0.1084E-01	0.1436E+02	0.3994E-03	0.1463E+03
5.	0.1362E-01	-0.3438E+02	0.1227E-01	-0.3345E+02	0.1106E-01	-0.8655E+02
6.	0.1679E-01	-0.3912E+02	0.1390E-01	-0.5639E+02	0.1075E-01	-0.7706E+02
7.	0.2092E-01	-0.7278E+02	0.1194E-01	-0.7269E+02	0.8584E-02	-0.8877E+02
8.	0.1042E-01	-0.5777E+02	0.4466E-02	-0.6703E+02	0.2178E-02	-0.6986E+02
9.	0.6356E-02	0.7143E+02	0.4556E-02	0.6306E+02	0.4186E-02	0.6635E+02
10.	0.2709E-02	0.1243E+03	0.2483E-02	0.2561E+02	0.2328E-03	-0.2270E+02
11.	0.3581E-02	0.8318E+01	0.3078E-02	-0.1222E+02	0.2033E-02	-0.2787E+02
12.	0.6584E-02	-0.6906E+02	0.6457E-02	-0.8191E+02	0.4088E-02	-0.1237E+03
13.	0.4142E-02	-0.5598E+02	0.4210E-02	-0.8732E+02	0.3101E-02	-0.1165E+03
14.	0.6117E-02	-0.1216E+03	0.3495E-02	-0.1310E+03	0.3548E-02	-0.1662E+03
15.	0.6252E-02	-0.1721E+03	0.3592E-02	0.1725E+03	0.4294E-02	0.1436E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1332E+02	0.0000E+00
1.	0.1459E+00	0.9712E+02
2.	0.2211E-01	0.1594E+03
3.	0.6696E-02	0.3836E+02
4.	0.1038E-02	0.1617E+03
5.	0.1096E-01	-0.1029E+03
6.	0.7088E-02	-0.8615E+02
7.	0.4335E-02	-0.8680E+02
8.	0.1745E-02	0.1382E+03
9.	0.6803E-03	0.9413E+02
10.	0.1542E-02	-0.4788E+02
11.	0.2148E-02	0.1474E+02
12.	0.2842E-02	-0.1588E+03
13.	0.2176E-02	-0.1410E+03
14.	0.1844E-02	-0.1561E+03
15.	0.1217E-02	0.1209E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1467E+02	0.0000E+00	0.1257E+02	0.0000E+00	0.1127E+02	0.0000E+00
1.	0.5589E+00	-0.1006E+01	0.1452E+01	-0.6479E+02	0.1880E+01	-0.7720E+02
2.	0.2909E+00	0.1750E+03	0.1925E+00	-0.1799E+03	0.1047E+00	-0.7164E-01
3.	0.2346E+00	-0.6089E+02	0.2399E+00	-0.6628E+02	0.1265E+00	-0.6423E+02
4.	0.1468E+00	-0.3296E+02	0.1785E+00	-0.2184E+02	0.1558E+00	-0.1829E+02
5.	0.7504E-01	-0.1516E+02	0.9862E-01	-0.4314E+00	0.9521E-01	-0.2127E+02
6.	0.4996E-01	-0.8339E+02	0.4963E-01	-0.7426E+02	0.2192E-01	-0.1035E+03
7.	0.5022E-01	-0.9323E+02	0.6721E-01	-0.9637E+02	0.8039E-01	-0.1015E+03
8.	0.1877E-01	-0.2545E+02	0.2940E-01	-0.6610E+02	0.4710E-01	-0.5639E+02
9.	0.2816E-01	0.8746E+02	0.2844E-01	0.7110E+02	0.3504E-01	0.5427E+02
10.	0.1484E-01	0.1674E+03	0.1740E-01	0.1219E+03	0.2507E-01	0.1089E+03
11.	0.3198E-01	-0.1133E+03	0.2938E-01	-0.1238E+03	0.2211E-01	-0.1368E+03
12.	0.3591E-01	-0.7383E+02	0.4741E-01	-0.8248E+02	0.4438E-01	-0.8749E+02
13.	0.7204E-02	0.1100E+02	0.1552E-01	-0.6145E+02	0.2298E-01	-0.5801E+02
14.	0.2186E-01	0.1375E+03	0.1728E-01	0.1459E+03	0.7189E-02	0.1488E+03
15.	0.2083E-01	-0.1782E+03	0.2856E-01	0.1658E+03	0.2615E-01	0.1541E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1148E+02	0.0000E+00	0.1128E+02	0.0000E+00	0.1201E+02	0.0000E+00
1.	0.1388E+01	-0.8155E+02	0.1445E+01	-0.8318E+02	0.1075E+01	-0.8478E+02
2.	0.7781E-01	-0.2009E+02	0.1220E+00	-0.8334E+01	0.7852E-01	-0.9649E+01
3.	0.8815E-01	-0.5174E+02	0.6097E-01	-0.3807E+02	0.4269E-01	-0.3987E+02
4.	0.9158E-01	-0.1300E+02	0.6877E-01	-0.7570E+01	0.4442E-01	-0.2415E+01
5.	0.5304E-01	0.1205E+02	0.4872E-01	0.1258E+02	0.3318E-01	0.9005E+01
6.	0.2064E-01	-0.6350E+02	0.1652E-01	-0.5150E+02	0.1735E-01	-0.4338E+02
7.	0.4408E-01	-0.9751E+02	0.3980E-01	-0.9225E+02	0.2522E-01	-0.9029E+02
8.	0.2717E-01	-0.7059E+02	0.2718E-01	-0.6695E+02	0.1731E-01	-0.6937E+02
9.	0.1567E-01	0.4525E+02	0.1584E-01	0.3892E+02	0.9658E-02	0.3696E+02
10.	0.1130E-01	0.8157E+02	0.1240E-01	0.6776E+02	0.7831E-02	0.5293E+02
11.	0.5751E-02	-0.1352E+03	0.1090E-02	-0.1180E+03	0.2421E-02	-0.5508E+01
12.	0.2554E-01	-0.9299E+02	0.2046E-01	-0.8537E+02	0.1327E-01	-0.7724E+02
13.	0.1490E-01	-0.8198E+02	0.1529E-01	-0.7495E+02	0.1070E-01	-0.7838E+02
14.	0.7037E-02	-0.1445E+03	0.5871E-02	-0.1261E+03	0.5598E-02	-0.1145E+03
15.	0.1340E-01	0.1504E+03	0.1005E-01	0.1743E+03	0.7038E-02	0.1691E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1217E+02	0.0000E+00	0.1240E+02	0.0000E+00	0.1270E+02	0.0000E+00
1.	0.6489E+00	-0.8509E+02	0.4801E+00	-0.8731E+02	0.3740E+00	-0.8665E+02
2.	0.2306E-01	0.3508E+02	0.2007E-01	0.8878E+02	0.3024E-01	0.1007E+03
3.	0.2828E-01	-0.4488E+02	0.2393E-01	-0.4710E+02	0.2036E-01	-0.4356E+02
4.	0.1998E-01	0.5444E+00	0.1219E-01	-0.3098E+01	0.7689E-02	-0.6554E+01
5.	0.1893E-01	-0.6743E+01	0.1290E-01	-0.2564E+02	0.1077E-01	-0.4672E+02
6.	0.1459E-01	-0.4873E+02	0.1391E-01	-0.5761E+02	0.1340E-01	-0.6481E+02
7.	0.1612E-01	-0.8352E+02	0.1204E-01	-0.9265E+02	0.1201E-01	-0.9070E+02
8.	0.8808E-02	-0.6658E+02	0.6496E-02	-0.7678E+02	0.5495E-02	-0.7607E+02
9.	0.5791E-02	0.5241E+02	0.5395E-02	0.5042E+02	0.4858E-02	0.6024E+02
10.	0.4308E-02	0.3450E+02	0.2905E-02	0.1995E+02	0.2229E-02	0.7850E+01
11.	0.2241E-02	-0.5116E+01	0.2785E-02	-0.2254E+02	0.2613E-02	-0.3062E+02
12.	0.9692E-02	-0.7864E+02	0.7728E-02	-0.9041E+02	0.6509E-02	-0.8972E+02
13.	0.5483E-02	-0.7935E+02	0.5022E-02	-0.9560E+02	0.3458E-02	-0.1105E+03
14.	0.5137E-02	-0.1346E+03	0.3839E-02	-0.1494E+03	0.5072E-02	-0.1624E+03
15.	0.4580E-02	0.1700E+03	0.4847E-02	0.1508E+03	0.5552E-02	0.1539E+03



Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.50		FRACTN OF CHORD 0.60		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1293E+02	0.0000E+00	0.1283E+02	0.0000E+00	0.1296E+02	0.0000E+00
1.	0.4688E-12	-0.6997E+01	0.1040E+00	-0.8661E+02	0.7926E-01	-0.9166E+02
2.	0.1472E-13	-0.1707E+03	0.3763E-01	0.1033E+03	0.3542E-01	0.9769E+02
3.	0.1980E-14	-0.1854E+01	0.1241E-01	-0.1208E+02	0.1204E-01	0.8346E+01
4.	0.4729E-14	-0.1487E+03	0.3100E-02	0.1040E+03	0.5145E-02	0.1420E+03
5.	0.4353E-14	-0.2538E+02	0.7865E-02	-0.6983E+02	0.8422E-02	-0.9612E+02
6.	0.4870E-15	-0.8461E+01	0.1026E-01	-0.7554E+02	0.9136E-02	-0.7905E+02
7.	0.5959E-14	-0.3786E+01	0.5127E-02	-0.8179E+02	0.4131E-02	-0.8746E+02
8.	0.1613E-14	-0.1938E+02	0.7782E-03	-0.1199E+03	0.5210E-03	0.1262E+03
9.	0.6847E-14	-0.1767E+03	0.3624E-02	0.6175E+02	0.2914E-02	0.7447E+02
10.	0.5070E-14	-0.8468E+01	0.2225E-02	0.7116E+00	0.1499E-02	-0.5050E+01
11.	0.1213E-14	-0.1032E+03	0.2559E-02	-0.2888E+02	0.1681E-02	-0.2981E+02
12.	0.3722E-14	-0.1752E+03	0.5136E-02	-0.8343E+02	0.4374E-02	-0.9845E+02
13.	0.6314E-14	0.1792E+03	0.2668E-02	-0.1028E+03	0.2386E-02	-0.1041E+03
14.	0.1238E-14	-0.1767E+03	0.2653E-02	-0.1488E+03	0.2446E-02	-0.1437E+03
15.	0.1056E-14	-0.4031E+02	0.2160E-02	0.1504E+03	0.2773E-02	0.1448E+03

HARMONIC	FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1299E+02	0.0000E+00
1.	0.3251E-01	0.7410E+02
2.	0.2138E-01	0.1456E+03
3.	0.8774E-02	-0.1566E+03
4.	0.4831E-02	-0.1749E+03
5.	0.7882E-02	-0.1331E+03
6.	0.6830E-02	-0.6848E+02
7.	0.3539E-02	-0.9190E+01
8.	0.1248E-02	0.6753E+01
9.	0.1146E-02	0.8258E+01
10.	0.8965E-03	0.1709E+02
11.	0.1432E-02	0.3733E+02
12.	0.1859E-02	0.9895E+02
13.	0.1107E-02	0.1721E+03
14.	0.2993E-03	-0.1092E+03
15.	0.1523E-03	0.1612E+03

Table IV-7b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1438E+02	0.0000E+00	0.1214E+02	0.0000E+00	0.1146E+02	0.0000E+00
1.	0.3895E+00	-0.1836E+02	0.1386E+01	-0.7805E+02	0.1073E+01	-0.9167E+02
2.	0.2949E+00	-0.1736E+03	0.1646E+00	-0.1547E+03	0.6209E-01	-0.4254E+02
3.	0.2076E+00	-0.6731E+02	0.2016E+00	-0.6696E+02	0.6042E-01	-0.4544E+02
4.	0.1538E+00	-0.3403E+02	0.1604E+00	-0.2313E+02	0.5397E-01	-0.1204E+02
5.	0.8676E-01	-0.1880E+02	0.9786E-01	-0.1999E+01	0.3181E-01	0.1179E+02
6.	0.5473E-01	-0.7443E+02	0.5272E-01	-0.5870E+02	0.1700E-01	-0.3320E+02
7.	0.6043E-01	-0.9576E+02	0.6459E-01	-0.9102E+02	0.3262E-01	-0.8502E+02
8.	0.1910E-01	-0.6083E+02	0.3187E-01	-0.7605E+02	0.2081E-01	-0.6909E+02
9.	0.2805E-01	0.8742E+02	0.2086E-01	0.7501E+02	0.7728E-02	0.5073E+02
10.	0.2003E-01	0.1386E+03	0.1974E-01	0.1183E+03	0.8308E-02	0.1078E+03
11.	0.3007E-01	-0.1236E+03	0.2185E-01	-0.1238E+03	0.3927E-02	-0.1610E+03
12.	0.3907E-01	-0.7998E+02	0.4292E-01	-0.8223E+02	0.1494E-01	-0.8736E+02
13.	0.1106E-01	-0.4349E+02	0.2165E-01	-0.6244E+02	0.1259E-01	-0.7423E+02
14.	0.2029E-01	0.1322E+03	0.1326E-01	0.1572E+03	0.7984E-02	-0.1244E+03
15.	0.3465E-01	0.1618E+03	0.2970E-01	0.1663E+03	0.1101E-01	0.1605E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1134E+02	0.0000E+00	0.1107E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.1050E+01	-0.9091E+02	0.8030E+00	-0.8946E+02	0.3212E+00	-0.7836E+02
2.	0.9498E-01	-0.3420E+01	0.4987E-01	0.1269E+02	0.7348E-01	0.8677E+02
3.	0.3250E-01	-0.2126E+02	0.2789E-01	-0.3393E+02	0.2423E-01	-0.3266E+02
4.	0.3034E-01	-0.1135E+02	0.1874E-01	0.6679E+01	0.2921E-02	0.1418E+03
5.	0.2335E-01	0.1747E+02	0.1589E-01	0.2049E+02	0.2643E-02	-0.1459E+03
6.	0.1068E-01	-0.2120E+02	0.1112E-01	-0.2683E+02	0.4376E-02	-0.5751E+02
7.	0.2668E-01	-0.8380E+02	0.1453E-01	-0.8231E+02	0.3868E-02	-0.7878E+02
8.	0.1904E-01	-0.6434E+02	0.1104E-01	-0.6576E+02	0.4034E-02	-0.3695E+02
9.	0.7203E-02	0.2638E+02	0.4023E-02	0.1977E+02	0.3345E-02	0.4494E+02
10.	0.5582E-02	0.8617E+02	0.3329E-02	0.3137E+02	0.1286E-02	-0.3571E+02
11.	0.2611E-02	0.1283E+03	0.1959E-02	0.2228E+01	0.8380E-03	-0.1222E+02
12.	0.1066E-01	-0.9455E+02	0.7977E-02	-0.7486E+02	0.3243E-02	-0.8161E+02
13.	0.9864E-02	-0.8124E+02	0.6241E-02	-0.8346E+02	0.1275E-02	-0.1384E+03
14.	0.8727E-02	-0.1036E+03	0.5257E-02	-0.1020E+03	0.2198E-02	-0.1334E+03
15.	0.7717E-02	0.1532E+03	0.4071E-02	0.1790E+03	0.2831E-02	0.1598E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1269E+02	0.0000E+00	0.1288E+02	0.0000E+00	0.1288E+02	0.0000E+00
1.	0.2699E+00	-0.7186E+02	0.1958E+00	-0.6821E+02	0.1635E+00	-0.6263E+02
2.	0.8573E-01	0.8750E+02	0.8038E-01	0.8459E+02	0.8691E-01	0.8092E+02
3.	0.3054E-01	-0.2525E+02	0.3077E-01	-0.2209E+02	0.3353E-01	-0.1335E+02
4.	0.6366E-02	0.1734E+03	0.7819E-02	0.1661E+03	0.1008E-01	0.1563E+03
5.	0.4753E-02	-0.1461E+03	0.5716E-02	-0.1452E+03	0.8361E-02	-0.1553E+03
6.	0.5610E-02	-0.8349E+02	0.5580E-02	-0.9427E+02	0.4649E-02	-0.1186E+03
7.	0.2369E-02	-0.7197E+02	0.6607E-03	-0.1154E+03	0.5885E-03	0.1680E+03
8.	0.2802E-02	-0.4075E+02	0.1740E-02	-0.2006E+02	0.1636E-02	0.2715E+02
9.	0.3212E-02	0.3639E+02	0.2493E-02	0.2554E+02	0.3595E-02	0.2281E+02
10.	0.2086E-02	-0.5571E+02	0.3282E-02	-0.3613E+02	0.2771E-02	-0.3331E+02
11.	0.1110E-02	-0.1208E+02	0.1649E-02	-0.1789E+02	0.8822E-03	0.1456E+02
12.	0.3150E-02	-0.8820E+02	0.2574E-02	-0.9804E+02	0.2309E-02	-0.1569E+03
13.	0.1247E-02	-0.1533E+03	0.5143E-03	0.1604E+03	0.1045E-02	-0.1543E+03
14.	0.1692E-02	-0.1417E+03	0.2420E-02	-0.1508E+03	0.5805E-03	-0.1736E+03
15.	0.2076E-02	0.1586E+03	0.3491E-03	0.1290E+03	0.1013E-02	0.1400E+03

Table IV-7b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1303E+02	0.0000E+00	0.1315E+02	0.0000E+00	0.1310E+02	0.0000E+00
1.	0.1422E+00	-0.5651E+02	0.8592E-01	-0.3846E+02	0.1364E+00	0.6174E+02
2.	0.0831E-01	0.7773E+02	0.9312E-01	0.7542E+02	0.6247E-01	0.9944E+02
3.	0.3451E-01	-0.1064E+02	0.2898E-01	0.8804E+01	0.4024E-01	0.1383E+02
4.	0.1269E-01	0.1563E+03	0.1356E-01	0.1627E+03	0.3821E-01	0.1761E+03
5.	0.1090E-01	-0.1687E+03	0.1800E-01	-0.1698E+03	0.1719E-01	-0.9202E+02
6.	0.1062E-02	-0.1225E+03	0.5245E-02	-0.1447E+03	0.1344E-01	-0.1660E+03
7.	0.1801E-02	0.9937E+02	0.4214E-02	0.1319E+03	0.3143E-02	-0.3001E+02
8.	0.2475E-02	0.7121E+02	0.5276E-02	0.1071E+03	0.3894E-02	0.1359E+03
9.	0.3213E-02	0.4138E+02	0.3578E-02	0.5696E+02	0.1739E-02	-0.3803E+01
10.	0.2270E-02	-0.3197E+02	0.1150E-02	-0.6616E+02	0.4532E-02	-0.4775E+02
11.	0.5147E-03	0.1455E+03	0.8737E-03	-0.1189E+03	0.3259E-02	0.3743E+02
12.	0.3085E-02	-0.1347E+03	0.3325E-02	-0.1404E+03	0.3800E-02	-0.1367E+03
13.	0.8746E-03	0.1644E+03	0.2044E-02	0.1598E+03	0.2570E-02	-0.1267E+03
14.	0.7389E-03	-0.1592E+03	0.6128E-03	-0.1489E+03	0.4762E-03	0.1644E+03
15.	0.1475E-02	0.1023E+03	0.2969E-02	0.1091E+03	0.2401E-02	0.1159E+03

Table IV-8a. Harmonic pressure data for 82 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1087E+02	0.0000E+00	0.1151E+02	0.0000E+00	0.1198E+02	0.0000E+00
1.	0.9447E+00	-0.4198E+02	0.8184E+00	-0.6308E+02	0.6282E+00	-0.6884E+02
2.	0.3880E+00	-0.1719E+03	0.1308E+00	-0.1749E+03	0.2513E-01	0.1554E+03
3.	0.2797E+00	0.1361E+03	0.1462E+00	0.1335E+03	0.6795E-01	0.1411E+03
4.	0.1517E+00	0.1404E+03	0.8067E-01	0.1411E+03	0.4546E-01	0.1444E+03
5.	0.3339E-01	-0.1553E+03	0.8000E-02	-0.1296E+03	0.5909E-02	-0.1278E+02
6.	0.1429E+00	0.1053E+03	0.6720E-01	0.1078E+03	0.3379E-01	0.1172E+03
7.	0.5652E-01	0.9751E+02	0.3177E-01	0.8454E+02	0.1963E-01	0.8866E+02
8.	0.2874E-01	-0.2465E+02	0.7434E-02	0.3975E+01	0.3356E-02	0.2577E+02
9.	0.2805E-01	0.1131E+03	0.1171E-01	0.1172E+03	0.4123E-02	0.1039E+03
10.	0.4214E-01	-0.2295E+02	0.1501E-01	-0.1240E+02	0.5444E-02	-0.3942E+02
11.	0.5636E-01	0.1407E+03	0.2427E-01	0.1329E+03	0.1313E-01	0.1416E+03
12.	0.1846E-01	-0.4973E+02	0.7430E-02	-0.3571E+02	0.3525E-02	-0.5023E+01
13.	0.1654E-01	0.1018E+03	0.8428E-02	0.8134E+02	0.3272E-02	0.1459E+03
14.	0.9755E-02	0.5003E+02	0.5171E-02	0.5991E+02	0.1964E-02	0.7362E+02
15.	0.5271E-02	-0.1018E+02	0.2215E-02	-0.4798E+01	0.1069E-02	-0.2099E+02

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1252E+02	0.0000E+00	0.1281E+02	0.0000E+00
1.	0.3635E+00	-0.7694E+02	0.1631E+00	-0.7868E+02
2.	0.2154E-01	0.3797E+02	0.1029E-01	0.6956E+02
3.	0.2208E-01	0.1551E+03	0.7633E-02	0.1385E+03
4.	0.2416E-01	0.1399E+03	0.8769E-02	0.1549E+03
5.	0.4779E-02	0.7413E+01	0.1923E-02	0.6691E+02
6.	0.1172E-01	0.1171E+03	0.1733E-02	0.5980E+02
7.	0.9818E-02	0.3704E+02	0.2493E-02	0.1371E+03
8.	0.2309E-02	-0.1742E+03	0.2281E-02	0.1296E+03
9.	0.8022E-02	0.2881E+02	0.3908E-02	-0.3118E+01
10.	0.4640E-02	-0.8414E+02	0.2292E-02	0.1681E+03
11.	0.8562E-02	0.1551E+03	0.3195E-02	0.1123E+03
12.	0.1465E-02	0.6843E+02	0.2337E-02	0.8140E+02
13.	0.2465E-02	0.1792E+03	0.2243E-02	-0.8719E+02
14.	0.2546E-02	0.7288E+02	0.1504E-02	0.5070E+02
15.	0.4729E-03	0.4440E+02	0.1246E-02	0.5459E+02

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1014E+02	0.0000E+00	0.1045E+02	0.0000E+00	0.1100E+02	0.0000E+00
1.	0.1915E+00	0.2972E+02	0.7241E+00	-0.7306E+02	0.7629E+00	-0.7731E+02
2.	0.3484E+00	0.1467E+03	0.1533E+00	0.1219E+03	0.6716E-01	0.7488E+02
3.	0.4518E+00	-0.1684E+03	0.3262E+00	-0.1719E+03	0.1499E+00	-0.1796E+03
4.	0.1834E+00	0.1262E+03	0.1364E+00	0.1172E+03	0.6554E-01	0.1154E+03
5.	0.1823E+00	0.1036E+03	0.1294E+00	0.1007E+03	0.6123E-01	0.9253E+02
6.	0.1196E+00	-0.1021E+03	0.7200E-01	-0.1005E+03	0.3834E-01	-0.9658E+02
7.	0.8197E-01	-0.1749E+03	0.4400E-01	0.1675E+03	0.1903E-01	-0.1618E+03
8.	0.1634E+00	0.1387E+03	0.1120E+00	0.1335E+03	0.4050E-01	0.1387E+03
9.	0.1500E-01	0.4435E+02	0.1428E-01	0.4558E+02	0.2357E-02	-0.1925E+02
10.	0.6582E-01	-0.7108E+02	0.3260E-01	-0.7655E+02	0.2206E-01	-0.1059E+03
11.	0.5026E-01	-0.1467E+03	0.2234E-01	-0.1494E+03	0.9007E-03	-0.1795E+03
12.	0.7340E-01	0.1188E+03	0.5164E-01	0.1084E+03	0.2706E-01	0.9416E+02
13.	0.2677E-01	0.8252E+02	0.1588E-01	0.8398E+02	0.3348E-02	0.8201E+02
14.	0.6622E-01	-0.7068E+02	0.3585E-01	-0.6232E+02	0.8007E-02	-0.8240E+02
15.	0.2389E-01	-0.1567E+03	0.4996E-02	0.1634E+03	0.5182E-02	-0.1642E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1150E+02	0.0000E+00	0.1196E+02	0.0000E+00	0.1220E+02	0.0000E+00
1.	0.6711E+00	-0.8000E+02	0.4943E+00	-0.8072E+02	0.3665E+00	-0.8101E+02
2.	0.5199E-01	0.4628E+02	0.3957E-01	0.2754E+02	0.2218E-01	0.2556E+02
3.	0.8543E-01	0.1724E+03	0.5315E-01	0.1665E+03	0.3727E-01	0.1657E+03
4.	0.4744E-01	0.1266E+03	0.2870E-01	0.1225E+03	0.1798E-01	0.1183E+03
5.	0.2413E-01	0.9121E+02	0.2577E-01	0.9073E+02	0.1843E-01	0.8338E+02
6.	0.1343E-01	-0.7286E+02	0.4419E-02	-0.7935E+02	0.3105E-02	-0.6839E+02
7.	0.8546E-02	0.1671E+03	0.4548E-02	-0.1092E+03	0.7190E-02	-0.8266E+02
8.	0.2109E-01	0.1395E+03	0.8738E-02	0.1407E+03	0.4101E-02	0.1762E+03
9.	0.3882E-02	0.6125E+02	0.3055E-02	0.5582E+02	0.1818E-02	0.1381E+03
10.	0.6728E-02	-0.1223E+03	0.5937E-02	-0.1656E+03	0.4380E-02	0.1619E+03
11.	0.3930E-02	-0.1741E+03	0.3401E-02	0.1015E+03	0.4032E-02	0.7259E+02
12.	0.9188E-02	0.1034E+03	0.7800E-02	0.7593E+02	0.6477E-02	0.7923E+02
13.	0.2761E-02	0.6169E+02	0.4410E-02	0.6934E+02	0.4138E-02	0.1180E+03
14.	0.4968E-02	-0.2236E+02	0.1743E-02	0.2386E+01	0.2009E-02	0.1676E+03
15.	0.1542E-02	0.1173E+03	0.3582E-02	0.3552E+02	0.1938E-02	0.1753E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1246E+02	0.0000E+00	0.1288E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.2341E+00	-0.8053E+02	0.1715E+00	-0.7971E+02	0.8413E-01	-0.8090E+02
2.	0.1208E-01	0.6172E+02	0.1300E-01	-0.1881E+01	0.4772E-02	0.9840E+02
3.	0.3447E-01	0.1676E+03	0.2168E-01	0.1602E+03	0.1440E-01	0.1659E+03
4.	0.1744E-01	0.1319E+03	0.1244E-01	0.1386E+03	0.4675E-02	0.1174E+03
5.	0.1520E-01	0.7800E+02	0.2000E-01	0.8052E+02	0.9431E-02	0.7917E+02
6.	0.3386E-02	0.5776E+02	0.5485E-02	0.2347E+02	0.6090E-02	0.1339E+03
7.	0.5058E-02	-0.4072E+02	0.1042E-01	-0.6232E+02	0.6767E-02	-0.6607E+02
8.	0.5781E-02	-0.1762E+03	0.5188E-02	-0.1189E+03	0.1570E-02	-0.1116E+03
9.	0.1716E-02	-0.1053E+03	0.1700E-02	-0.8330E+02	0.3574E-02	0.3853E+02
10.	0.4567E-02	0.1564E+03	0.9770E-02	0.1559E+03	0.7179E-02	0.1451E+03
11.	0.5629E-02	0.8222E+02	0.1087E-01	0.1040E+03	0.8230E-02	0.1054E+03
12.	0.5500E-02	0.8129E+02	0.6145E-02	0.5758E+02	0.1698E-02	0.1072E+03
13.	0.4644E-02	0.1173E+03	0.2252E-02	0.6720E+02	0.3646E-02	0.6455E+02
14.	0.2672E-02	0.1481E+03	0.4978E-02	0.1384E+03	0.3160E-02	0.1096E+03
15.	0.1856E-02	0.6044E+02	0.4446E-02	0.7628E+02	0.3668E-02	0.1123E+03

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1306E+02	0.0000E+00
1.	0.2030E-01	0.1022E+03
2.	0.4216E-02	0.1691E+03
3.	0.4381E-02	0.8241E+02
4.	0.2129E-02	-0.8569E+02
5.	0.3438E-02	0.7968E+02
6.	0.1636E-02	0.5220E+02
7.	0.2119E-02	-0.8301E+01
8.	0.2227E-02	0.4933E+02
9.	0.4414E-02	0.6507E+01
10.	0.9931E-03	0.1635E+03
11.	0.3104E-02	0.7911E+02
12.	0.2800E-02	0.6541E+02
13.	0.1119E-02	0.5603E+02
14.	0.2835E-02	0.1056E+03
15.	0.7763E-03	0.1727E+02

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9687E+01	0.0000E+00	0.9517E+01	0.0000E+00	0.1041E+02	0.0000E+00
1.	0.1343E+01	0.1147E+03	0.3599E+00	-0.1280E+03	0.7401E+00	-0.9353E+02
2.	0.5133E+00	0.6919E+02	0.3284E+00	0.5752E+02	0.2440E+00	0.3424E+02
3.	0.5904E+00	0.1753E+03	0.3933E+00	0.1702E+03	0.1903E+00	0.1578E+03
4.	0.2879E+00	0.1465E+03	0.9377E-01	0.1534E+03	0.4356E-01	0.1604E+03
5.	0.4893E+00	0.6349E+02	0.2808E+00	0.5888E+02	0.1325E+00	0.5930E+02
6.	0.2131E+00	0.3295E+02	0.7950E-01	0.4381E+02	0.3644E-01	0.4369E+02
7.	0.2064E+00	-0.9244E+02	0.1167E+00	-0.1061E+03	0.5276E-01	-0.1020E+03
8.	0.1480E+00	-0.1657E+03	0.4710E-01	0.1733E+03	0.2587E-01	0.1494E+03
9.	0.2423E+00	0.1115E+03	0.1156E+00	0.9875E+02	0.4429E-01	0.6957E+02
10.	0.1518E+00	0.7762E+02	0.5272E-01	0.9299E+02	0.2787E-01	0.9044E+02
11.	0.1124E+00	-0.2059E+02	0.5792E-01	-0.2850E+02	0.2699E-01	0.1843E+01
12.	0.8157E-02	-0.9652E+02	0.1845E-01	0.5651E+02	0.1303E-01	0.3675E+02
13.	0.1430E+00	0.1154E+03	0.7158E-01	0.1016E+03	0.2868E-01	0.8321E+02
14.	0.1605E+00	0.7098E+02	0.6404E-01	0.5759E+02	0.3371E-01	0.8654E+02
15.	0.1438E+00	0.1660E+02	0.5544E-01	0.9143E+01	0.2272E-01	0.1531E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.1141E+02	0.0000E+00	0.1184E+02	0.0000E+00
1.	0.7463E+00	-0.9068E+02	0.6206E+00	-0.8971E+02	0.3897E+00	-0.9007E+02
2.	0.1825E+00	0.2520E+02	0.1301E+00	0.1689E+02	0.7622E-01	0.1409E+02
3.	0.1371E+00	0.1601E+03	0.7091E-01	0.1417E+03	0.4585E-01	0.1422E+03
4.	0.5869E-01	0.1527E+03	0.2645E-01	0.1424E+03	0.1570E-01	0.1462E+03
5.	0.6990E-01	0.6241E+02	0.4764E-01	0.6177E+02	0.2757E-01	0.4896E+02
6.	0.2638E-01	0.1057E+03	0.1664E-01	0.3129E+02	0.1339E-01	0.2571E+02
7.	0.5204E-02	-0.1137E+03	0.1029E-01	-0.7964E+02	0.6538E-02	-0.9253E+02
8.	0.2015E-01	0.1480E+03	0.1857E-01	0.1517E+03	0.9717E-02	0.1527E+03
9.	0.4123E-01	0.9516E+02	0.1711E-01	0.2975E+02	0.9743E-02	0.5020E+02
10.	0.1330E+00	0.1630E+03	0.9483E-02	0.8651E+02	0.7677E-02	0.7684E+02
11.	0.4463E-01	-0.1680E+02	0.1297E-01	0.5235E+02	0.4661E-02	0.5023E+02
12.	0.1994E-01	-0.3962E+02	0.8033E-02	-0.1862E+01	0.4892E-02	-0.3442E+02
13.	0.1180E-01	0.5291E+02	0.1290E-01	0.5032E+02	0.6167E-02	0.4268E+02
14.	0.2758E-01	0.6426E+02	0.1923E-01	0.5909E+02	0.1015E-01	0.5019E+02
15.	0.1930E-01	0.1331E+02	0.4174E-02	0.4889E+02	0.2528E-02	0.4837E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1196E+02	0.0000E+00	0.1236E+02	0.0000E+00	0.1281E+02	0.0000E+00
1.	0.3388E+00	-0.8896E+02	0.1478E+00	-0.8658E+02	0.9395E-01	-0.7924E+02
2.	0.7084E-01	0.2074E+02	0.2733E-01	0.1963E+02	0.1239E-01	0.3396E+02
3.	0.3540E-01	0.1278E+03	0.2486E-01	0.1367E+03	0.1485E-01	0.1340E+03
4.	0.1001E-01	0.1359E+03	0.8409E-02	0.1556E+03	0.4848E-02	0.1482E+03
5.	0.2621E-01	0.5352E+02	0.1437E-01	0.5142E+02	0.8289E-02	0.4094E+02
6.	0.1490E-01	0.3121E+02	0.9875E-02	0.3349E+02	0.4652E-02	0.4070E+02
7.	0.7358E-03	0.1456E+03	0.1829E-02	-0.6347E+02	0.9449E-03	0.1791E+02
8.	0.1461E-01	0.1546E+03	0.6574E-02	0.1593E+03	0.4999E-02	0.1500E+03
9.	0.1369E-01	0.5211E+02	0.5040E-02	0.2688E+02	0.4501E-02	0.2525E+02
10.	0.1431E-01	0.8642E+02	0.5170E-02	0.8056E+02	0.3244E-02	0.6415E+02
11.	0.3466E-02	0.6272E+02	0.2825E-02	0.8669E+02	0.2490E-02	0.1155E+03
12.	0.6586E-02	0.1017E+02	0.2225E-02	0.3272E+02	0.1543E-02	0.6787E+02
13.	0.5429E-02	0.2314E+02	0.3152E-02	0.5449E+02	0.2081E-02	-0.2045E+02
14.	0.1819E-01	0.8545E+02	0.6392E-02	0.7170E+02	0.4116E-02	0.6875E+02
15.	0.4094E-02	0.6039E+02	0.6927E-03	0.2189E+02	0.2308E-02	-0.2707E+02

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1266E+02	0.0000E+00	0.1331E+02	0.0000E+00	0.1245E+02	0.0000E+00
1.	0.1284E+00	-0.8119E+02	0.8386E-01	-0.7593E+02	0.7095E-01	-0.7509E+02
2.	0.4720E-01	-0.2639E+01	0.3697E-01	-0.1323E+01	0.3528E-01	-0.2272E+01
3.	0.1621E-01	-0.1768E+03	0.1514E-01	0.1740E+03	0.1499E-01	0.1788E+03
4.	0.2065E-01	0.1566E+03	0.1949E-01	0.1603E+03	0.2002E-01	0.1523E+03
5.	0.2429E-01	0.9167E+02	0.2055E-01	0.9236E+02	0.1928E-01	0.8399E+02
6.	0.1185E-01	0.5142E+02	0.1261E-01	0.4473E+02	0.1281E-01	0.4692E+02
7.	0.9211E-02	0.5038E+02	0.1129E-01	0.3741E+02	0.1460E-01	0.1508E+02
8.	0.7628E-02	-0.1440E+03	0.4182E-02	-0.1376E+03	0.4135E-02	-0.1473E+03
9.	0.5451E-02	-0.6339E+02	0.5114E-02	-0.9256E+02	0.5346E-02	-0.7096E+02
10.	0.3872E-03	-0.6372E+02	0.7750E-03	-0.1294E+03	0.3491E-02	-0.1440E+03
11.	0.3236E-02	-0.1957E+02	0.2332E-02	0.4551E+02	0.3968E-02	0.6909E+02
12.	0.5063E-02	0.6944E+02	0.7624E-02	0.7532E+02	0.7478E-02	0.5528E+02
13.	0.5593E-02	0.1055E+03	0.3822E-02	0.9374E+02	0.6201E-02	0.9144E+02
14.	0.6651E-02	0.5912E+02	0.5398E-02	0.6658E+02	0.4644E-02	0.3584E+02
15.	0.7687E-02	0.1048E+02	0.7230E-02	0.1222E+02	0.8481E-02	-0.1220E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.81		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.93	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1312E+02	0.0000E+00	0.1052E+02	0.0000E+00	0.8843E+01	0.0000E+00
1.	0.2932E-01	0.3020E+02	0.1954E+01	0.1255E+03	0.7663E+00	0.1692E+03
2.	0.1922E-01	-0.4660E+01	0.5305E+00	0.7018E+02	0.3407E+00	0.7143E+02
3.	0.1142E-01	0.1739E+03	0.2828E+00	-0.1674E+03	0.2821E+00	-0.1619E+03
4.	0.1371E-01	0.1561E+03	0.3867E+00	-0.1529E+03	0.2805E+00	-0.1584E+03
5.	0.1216E-01	0.8073E+02	0.2379E+00	0.1575E+03	0.2051E+00	0.1504E+03
6.	0.8383E-02	0.4488E+02	0.2728E+00	0.9955E+02	0.1952E+00	0.9920E+02
7.	0.9464E-02	0.1411E+02	0.1131E+00	0.8112E+02	0.6528E-01	0.8132E+02
8.	0.2869E-02	-0.1653E+03	0.1242E+00	-0.6499E+02	0.9183E-01	-0.7238E+02
9.	0.4206E-02	-0.8191E+02	0.1135E+00	-0.8650E+02	0.6672E-01	-0.1003E+03
10.	0.2510E-02	-0.1159E+03	0.1258E+00	-0.1765E+03	0.1008E+00	0.1773E+03
11.	0.2395E-02	0.6834E+02	0.1506E+00	0.1501E+03	0.1011E+00	0.1446E+03
12.	0.5626E-02	0.4768E+02	0.7417E-01	0.9915E+02	0.5269E-01	0.8773E+02
13.	0.5019E-02	0.9595E+02	0.1020E+00	0.2749E+02	0.6978E-01	0.2470E+02
14.	0.3451E-02	0.4439E+02	0.4038E-01	-0.1725E+02	0.2095E-01	-0.3842E+02
15.	0.5845E-02	-0.1512E+02	0.6888E-01	-0.1250E+03	0.4903E-01	-0.1296E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.88		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9126E+01	0.0000E+00	0.1051E+02	0.0000E+00	0.1124E+02	0.0000E+00
1.	0.1218E+01	-0.9610E+02	0.8535E+00	-0.9267E+02	0.7330E+00	-0.9646E+02
2.	0.5735E+00	0.2724E+02	0.3324E+00	0.2098E+02	0.2126E+00	0.7692E+01
3.	0.2695E+00	0.1487E+03	0.1513E+00	0.1327E+03	0.4959E-01	0.1433E+03
4.	0.1752E+00	-0.1464E+03	0.1503E+00	-0.1607E+03	0.5172E-01	0.1475E+03
5.	0.1034E+00	0.1238E+03	0.2321E-01	-0.9712E+02	0.6520E-01	0.1050E+03
6.	0.8543E-01	0.1234E+03	0.1199E+00	0.5632E+02	0.2136E-01	0.5568E+02
7.	0.4097E-01	-0.2709E+02	0.9811E-01	0.1369E+03	0.2941E-01	-0.8790E-01
8.	0.2850E-01	-0.8608E+01	0.1171E+00	-0.1167E+03	0.6609E-02	0.1723E+03
9.	0.3712E-01	-0.1639E+03	0.9010E-01	-0.2697E+02	0.1736E-01	0.1587E+03
10.	0.4389E-01	-0.1702E+03	0.9696E-01	0.9271E+02	0.1024E-01	0.1546E+03
11.	0.5074E-01	0.1332E+03	0.1076E+00	0.1637E+03	0.2873E-01	0.3671E+02
12.	0.1162E-01	0.9414E+02	0.6837E-01	-0.8450E+02	0.2512E-01	0.5034E+02
13.	0.5420E-01	0.2367E+02	0.9735E-01	0.1280E+02	0.1164E-01	-0.1323E+03
14.	0.2221E-01	0.1451E+03	0.7129E-01	0.1147E+03	0.1106E-01	-0.9988E+02
15.	0.4901E-01	-0.1232E+03	0.8065E-01	-0.1471E+03	0.1690E-01	0.3932E+02



Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1109E+02	0.0000E+00	0.1162E+02	0.0000E+00	0.1166E+02	0.0000E+00
1.	0.7135E+00	-0.9374E+02	0.3871E+00	-0.9129E+02	0.2633E+00	-0.9069E+02
2.	0.1997E+00	0.5091E+01	0.1065E+00	0.7168E+01	0.8072E-01	0.7810E+01
3.	0.3912E-01	0.1285E+03	0.1944E-01	0.1430E+03	0.1432E-01	0.1452E+03
4.	0.4369E-01	0.1475E+03	0.2717E-01	0.1421E+03	0.2503E-01	0.1472E+03
5.	0.5245E-01	0.9849E+02	0.3516E-01	0.9438E+02	0.2779E-01	0.8906E+02
6.	0.2072E-01	0.6347E+02	0.1448E-01	0.5486E+02	0.1260E-01	0.5354E+02
7.	0.1117E-01	0.1369E+02	0.9225E-02	0.2870E+02	0.1006E-01	0.4022E+02
8.	0.1381E-01	-0.1570E+03	0.1511E-01	-0.1643E+03	0.1267E-01	-0.1701E+03
9.	0.4691E-02	0.1321E+03	0.3548E-02	0.1740E+02	0.2043E-02	0.2929E+02
10.	0.1281E-01	0.1128E+03	0.6865E-02	0.9814E+02	0.5157E-02	0.8336E+02
11.	0.1609E-01	0.3230E+02	0.1495E-01	0.3925E+02	0.1157E-01	0.3774E+02
12.	0.1693E-01	0.3390E+02	0.1450E-01	0.3983E+02	0.1033E-01	0.4299E+02
13.	0.5991E-02	-0.1093E+03	0.2599E-02	-0.1386E+03	0.1473E-02	-0.1094E+03
14.	0.3438E-02	-0.1522E+03	0.2447E-02	0.9728E+02	0.3259E-02	0.1364E+03
15.	0.8373E-02	0.4812E+02	0.5584E-02	0.4750E+02	0.5986E-02	0.4562E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1262E+02	0.0000E+00	0.1266E+02	0.0000E+00	0.1331E+02	0.0000E+00
1.	0.1782E+00	-0.8905E+02	0.1228E+00	-0.8298E+02	0.7773E-01	-0.7843E+02
2.	0.5908E-01	0.6941E+01	0.4797E-01	0.5502E+01	0.3813E-01	0.9264E+01
3.	0.1320E-01	0.1652E+03	0.1127E-01	0.1638E+03	0.1105E-01	0.1488E+03
4.	0.1758E-01	0.1494E+03	0.1426E-01	0.1509E+03	0.1272E-01	0.1560E+03
5.	0.2012E-01	0.8624E+02	0.1890E-01	0.8195E+02	0.1492E-01	0.8017E+02
6.	0.8515E-02	0.4725E+02	0.6396E-02	0.2997E+02	0.7383E-02	0.2055E+02
7.	0.4743E-02	0.7307E+02	0.4507E-02	0.8657E+02	0.5249E-02	0.5441E+02
8.	0.1288E-01	-0.1670E+03	0.1185E-01	-0.1898E+03	0.8789E-02	-0.1788E+03
9.	0.2141E-02	0.7780E+02	0.9061E-03	0.4400E+02	0.2104E-02	0.1598E+03
10.	0.4581E-02	0.6838E+02	0.5378E-02	0.5585E+02	0.5129E-02	0.5904E+02
11.	0.9721E-02	0.1009E+02	0.8324E-02	-0.8043E+00	0.7696E-02	0.1941E+02
12.	0.5921E-02	0.3103E+02	0.5986E-02	0.1469E+02	0.7241E-02	0.3206E+02
13.	0.2741E-02	-0.1539E+03	0.1411E-02	0.1611E+03	0.1487E-02	-0.9711E+02
14.	0.8309E-03	0.4709E+02	0.2534E-02	0.9213E+02	0.2318E-02	0.1365E+03
15.	0.3546E-02	0.4623E+02	0.3660E-02	0.3330E+02	0.3152E-02	0.4537E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1245E+02	0.0000E+00	0.1312E+02	0.0000E+00
1.	0.6566E-01	-0.7740E+02	0.2883E-01	0.3798E+02
2.	0.3641E-01	0.7045E+01	0.1989E-01	0.6784E+01
3.	0.1055E-01	0.1612E+03	0.8651E-02	0.1578E+03
4.	0.1433E-01	0.1483E+03	0.9865E-02	0.1539E+03
5.	0.1451E-01	0.7322E+02	0.9113E-02	0.6822E+02
6.	0.7565E-02	0.3547E+02	0.4926E-02	0.3201E+02
7.	0.9124E-02	0.1667E+02	0.5800E-02	0.1559E+02
8.	0.7783E-02	0.1723E+03	0.5782E-02	0.1649E+03
9.	0.1591E-02	0.6147E+01	0.8481E-03	-0.5074E+02
10.	0.1649E-02	0.5213E+02	0.1524E-02	-0.1802E+01
11.	0.6934E-02	0.2442E+02	0.4472E-02	0.2097E+02
12.	0.6895E-02	0.1610E+02	0.5483E-02	0.1336E+02
13.	0.2647E-02	0.1371E+03	0.2705E-02	0.1313E+03
14.	0.1561E-02	0.1165E+03	0.1675E-02	0.1105E+03
15.	0.4615E-02	0.1045E+02	0.3124E-02	0.5747E+01

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1139E+02	0.0000E+00	0.8398E+01	0.0000E+00	0.9432E+01	0.0000E+00
1.	0.2362E+01	0.1163E+03	0.1165E+01	-0.1698E+03	0.1105E+01	-0.1124E+03
2.	0.5884E+00	0.5046E+02	0.4610E+00	0.3859E+02	0.4510E+00	0.4867E+01
3.	0.1789E+00	0.1771E+03	0.4215E+00	0.1531E+03	0.1638E+00	0.1229E+03
4.	0.4112E+00	-0.1773E+03	0.5042E+00	0.1752E+03	0.1589E+00	0.1703E+03
5.	0.2582E+00	0.1429E+03	0.2737E+00	0.1384E+03	0.9833E-01	0.1153E+03
6.	0.2608E+00	0.5930E+02	0.2898E+00	0.7451E+02	0.8889E-01	0.6882E+02
7.	0.1929E+00	0.2678E+02	0.1359E+00	0.6625E+02	0.2261E-01	-0.4795E+01
8.	0.8812E-01	-0.9645E+02	0.8450E-01	-0.1315E+03	0.4448E-01	-0.9969E+02
9.	0.1431E+00	-0.1318E+03	0.8046E-01	-0.1467E+03	0.1517E-01	-0.1064E+03
10.	0.9423E-01	0.1636E+03	0.1023E+00	0.1192E+03	0.2949E-01	0.1140E+03
11.	0.1485E+00	0.7770E+02	0.1537E+00	0.7838E+02	0.6707E-01	0.6584E+02
12.	0.1115E+00	0.4455E+02	0.7132E-01	0.4187E+02	0.3115E-01	0.7139E+02
13.	0.7794E-01	-0.4846E+02	0.8909E-01	-0.5748E+02	0.3680E-01	-0.1001E+03
14.	0.8445E-01	-0.9425E+02	0.6599E-01	-0.7218E+02	0.3153E-01	-0.8367E+02
15.	0.3995E-01	-0.1757E+03	0.3670E-01	0.1249E+03	0.1458E-01	0.8366E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1027E+02	0.0000E+00	0.1100E+02	0.0000E+00	0.1189E+02	0.0000E+00
1.	0.1367E+01	-0.9862E+02	0.6782E+00	-0.9308E+02	0.3987E+00	-0.8688E+02
2.	0.5892E+00	-0.2685E+01	0.1561E+00	0.3371E+01	0.9524E-01	0.6504E+01
3.	0.3147E+00	0.9268E+02	0.1934E-01	0.1365E+03	0.2242E-01	0.1088E+03
4.	0.2800E+00	0.1726E+03	0.2229E-01	0.1355E+03	0.1651E-01	0.1800E+03
5.	0.1140E+00	-0.9784E+02	0.5864E-01	0.1011E+03	0.3538E-01	0.1045E+03
6.	0.1892E+00	0.2017E+02	0.2099E-01	0.6409E+02	0.1841E-01	0.4211E+02
7.	0.1266E+00	0.1023E+03	0.2145E-01	-0.2005E+02	0.1208E-01	-0.7188E+01
8.	0.1398E+00	-0.1417E+03	0.5234E-02	-0.1328E+03	0.8241E-02	0.1757E+03
9.	0.1242E+00	-0.4493E+02	0.5119E-02	0.6696E+02	0.1098E-01	0.1208E+02
10.	0.1268E+00	0.6373E+02	0.1530E-01	0.1443E+03	0.1159E-01	0.1301E+03
11.	0.1202E+00	0.1339E+03	0.2237E-01	0.4791E+02	0.2160E-01	0.6144E+02
12.	0.8109E-01	-0.1116E+03	0.2152E-01	0.2839E+02	0.1452E-01	0.2410E+02
13.	0.8939E-01	-0.3471E+02	0.2141E-02	-0.5943E+02	0.3158E-02	-0.8202E+02
14.	0.4525E-01	0.5315E+02	0.1067E-01	-0.1763E+03	0.8430E-02	0.1518E+03
15.	0.3272E-01	0.1249E+03	0.1578E-02	0.1108E+03	0.6767E-02	0.1240E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1219E+02	0.0000E+00	0.1246E+02	0.0000E+00	0.1255E+02	0.0000E+00
1.	0.2897E+00	-0.7907E+02	0.1672E+00	-0.5805E+02	0.1266E+00	-0.5014E+02
2.	0.6404E-01	0.9872E+01	0.3910E-01	0.2366E+02	0.3846E-01	0.2507E+02
3.	0.1173E-01	0.1113E+03	0.1001E-01	-0.1772E+03	0.9990E-02	-0.1654E+03
4.	0.1532E-01	0.1510E+03	0.1098E-01	-0.1677E+03	0.1058E-01	-0.1631E+03
5.	0.2918E-01	0.9966E+02	0.1960E-01	0.1359E+03	0.1703E-01	0.1317E+03
6.	0.1319E-01	0.4681E+02	0.8583E-02	0.7133E+02	0.8408E-02	0.8987E+02
7.	0.1329E-01	-0.6219E+01	0.9045E-02	0.5982E+02	0.8649E-02	0.5955E+02
8.	0.5155E-02	-0.1780E+03	0.1829E-02	-0.1460E+03	0.3098E-02	-0.1606E+03
9.	0.9367E-02	0.7356E+01	0.4417E-02	0.6412E+02	0.2933E-02	0.6858E+02
10.	0.9385E-02	0.1356E+03	0.4795E-02	-0.1728E+03	0.2824E-02	-0.1682E+03
11.	0.1398E-01	0.5996E+02	0.5633E-02	0.1389E+03	0.3917E-02	0.1354E+03
12.	0.1276E-01	0.2359E+02	0.1029E-01	0.1068E+03	0.8775E-02	0.1041E+03
13.	0.2698E-02	0.7361E+01	0.7884E-03	-0.1103E+03	0.1414E-02	-0.1375E+03
14.	0.6208E-02	0.1497E+03	0.5854E-02	-0.1304E+03	0.4992E-02	-0.1192E+03
15.	0.7630E-03	0.1589E+03	0.1840E-02	-0.1607E+03	0.5749E-03	-0.1322E+03

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1274E+02	0.0000E+00	0.1327E+02	0.0000E+00
1.	0.7803E-01	-0.1200E+02	0.1104E+00	0.7039E+02
2.	0.3030E-01	0.2574E+02	0.1584E-01	0.5181E+02
3.	0.3948E-02	0.1386E+03	0.4168E-02	-0.3679E+01
4.	0.7146E-02	-0.1431E+03	0.4423E-02	-0.1178E+03
5.	0.1206E-01	0.9809E+02	0.2523E-02	0.1765E+03
6.	0.4777E-02	0.4977E+02	0.1556E-02	-0.8014E+02
7.	0.6451E-02	0.2412E+02	0.3421E-02	0.3649E+02
8.	0.3404E-02	0.1643E+03	0.5395E-02	0.1173E+03
9.	0.5308E-02	0.1648E+02	0.5088E-02	0.2543E+02
10.	0.4228E-02	0.1241E+03	0.2164E-02	-0.9488E+02
11.	0.4790E-02	0.1369E+02	0.4074E-02	0.2014E+02
12.	0.6848E-02	0.3182E+02	0.4922E-02	0.2339E+02
13.	0.2418E-02	0.1116E+03	0.3740E-02	0.1198E+03
14.	0.3011E-02	0.1280E+03	0.3501E-02	0.1230E+03
15.	0.2392E-03	0.9139E+02	0.2987E-03	-0.4723E+02

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.9016E+01	0.0000E+00	0.8920E+01	0.0000E+00
1.	0.1909E+01	0.1191E+03	0.8304E+00	0.1719E+03	0.1307E+01	-0.1112E+03
2.	0.4411E+00	0.5131E+02	0.3131E+00	0.3924E+02	0.3893E+00	-0.2129E+01
3.	0.1714E+00	0.1675E+03	0.2174E+00	0.1583E+03	0.1320E+00	0.1503E+03
4.	0.3374E+00	0.1742E+03	0.2882E+00	0.1663E+03	0.9983E-01	-0.1744E+03
5.	0.2024E+00	0.1397E+03	0.1662E+00	0.1276E+03	0.8898E-01	0.8132E+02
6.	0.1970E+00	0.4418E+02	0.1742E+00	0.3841E+02	0.1058E+00	0.4299E+02
7.	0.1567E+00	0.1711E+02	0.1187E+00	0.1419E+02	0.5686E-01	0.2490E+02
8.	0.8304E-01	-0.1098E+03	0.5345E-01	-0.1400E+03	0.2944E-01	-0.1727E+03
9.	0.1336E+00	-0.1496E+03	0.9098E-01	-0.1545E+03	0.4083E-01	-0.1561E+03
10.	0.7871E-01	0.1557E+03	0.4529E-01	0.1345E+03	0.2555E-01	0.1343E+03
11.	0.1177E+00	0.5972E+02	0.1065E+00	0.4435E+02	0.4265E-01	0.4787E+02
12.	0.1117E+00	0.3271E+02	0.6933E-01	0.2492E+02	0.2477E-01	0.6320E-01
13.	0.6147E-01	-0.5531E+02	0.4751E-01	-0.8648E+02	0.2839E-01	-0.8279E+02
14.	0.7640E-01	-0.1100E+03	0.6023E-01	-0.1166E+03	0.1734E-01	-0.1031E+03
15.	0.2861E-01	-0.1545E+03	0.5025E-02	0.1520E+03	0.9074E-02	0.5386E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1065E+02	0.0000E+00	0.1120E+02	0.0000E+00	0.1211E+02	0.0000E+00
1.	0.7983E+00	-0.1045E+03	0.6388E+00	-0.9051E+02	0.3524E+00	-0.8237E+02
2.	0.2424E+00	-0.4047E+01	0.1459E+00	0.4673E+00	0.8078E-01	0.4939E+01
3.	0.7155E-01	0.1189E+03	0.2222E-01	0.1412E+03	0.1183E-01	0.1244E+03
4.	0.9235E-01	0.1597E+03	0.1959E-01	0.1321E+03	0.1170E-01	0.1411E+03
5.	0.2626E-01	0.1400E+03	0.4475E-01	0.9621E+02	0.3216E-01	0.9823E+02
6.	0.7917E-01	0.9188E+01	0.2378E-01	0.5983E+02	0.1759E-01	0.4978E+02
7.	0.7355E-01	0.4112E+02	0.1456E-01	-0.2563E+02	0.1057E-01	-0.1805E+02
8.	0.6479E-01	0.1575E+03	0.6438E-02	-0.1179E+03	0.4043E-02	0.1716E+03
9.	0.7064E-01	-0.1275E+03	0.4732E-02	-0.6671E+02	0.7405E-02	-0.4667E+02
10.	0.4455E-01	-0.4439E+02	0.1422E-01	0.1245E+03	0.1029E-01	0.1105E+03
11.	0.8489E-01	0.4265E+02	0.1516E-01	0.5209E+02	0.1038E-01	0.4623E+02
12.	0.4584E-01	0.1053E+03	0.1370E-01	0.3049E+02	0.1160E-01	0.3641E+02
13.	0.5087E-01	-0.1437E+03	0.4532E-02	-0.4132E+02	0.3650E-02	-0.4589E+02
14.	0.4288E-01	-0.6898E+02	0.1986E-02	-0.1593E+03	0.5681E-02	0.1131E+03
15.	0.3566E-01	0.2776E+02	0.5708E-02	0.8377E+02	0.5876E-02	0.7471E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1227E+02	0.0000E+00	0.1269E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.1175E+00	-0.4611E+02	0.1135E+00	-0.2768E+02	0.1123E+00	-0.1296E+02
2.	0.5045E-01	0.2171E+02	0.3198E-01	0.1485E+02	0.3188E-01	0.1732E+02
3.	0.1171E-01	0.1266E+03	0.9521E-02	0.1644E+03	0.9512E-02	-0.1767E+03
4.	0.6904E-02	0.1781E+03	0.7931E-02	-0.1760E+03	0.7478E-02	-0.1790E+03
5.	0.1001E-01	0.1274E+03	0.1621E-01	0.1169E+03	0.1414E-01	0.1115E+03
6.	0.6974E-02	0.3783E+02	0.9216E-02	0.4128E+02	0.7306E-02	0.5455E+02
7.	0.5737E-02	-0.1831E+01	0.5562E-02	0.1379E+02	0.5772E-02	0.9505E-01
8.	0.7528E-02	0.1453E+03	0.1742E-02	0.7113E+02	0.7615E-03	0.6341E+02
9.	0.6736E-02	-0.9382E+02	0.3998E-02	-0.6514E+02	0.2974E-02	-0.5476E+02
10.	0.4105E-02	0.1129E+03	0.3881E-02	0.1318E+03	0.3213E-02	0.1422E+03
11.	0.1382E-01	0.5117E+02	0.4466E-02	0.2054E+02	0.4345E-02	0.2914E+02
12.	0.8658E-02	0.8183E+02	0.5826E-02	0.4196E+02	0.6644E-02	0.2838E+02
13.	0.4608E-02	0.1374E+02	0.2432E-02	0.5918E+02	0.3496E-02	0.7523E+02
14.	0.3850E-02	-0.3593E+02	0.2765E-02	0.1565E+03	0.2852E-02	0.1160E+03
15.	0.4479E-02	0.1104E+02	0.1529E-02	0.7086E+02	0.3504E-03	-0.7798E+02

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1264E+02	0.0000E+00	0.1282E+02	0.0000E+00
1.	0.1019E+00	0.1582E+02	0.1668E+00	0.6613E+02
2.	0.2909E-01	0.2260E+02	0.2640E-01	0.4712E+02
3.	0.6310E-02	-0.1528E+03	0.5272E-02	-0.5927E+02
4.	0.8925E-02	-0.1592E+03	0.1083E-01	-0.1401E+03
5.	0.1174E-01	0.1232E+03	0.7577E-02	0.1613E+03
6.	0.5864E-02	0.5284E+02	0.2180E-02	0.6312E+02
7.	0.6705E-02	0.1113E+02	0.4038E-02	0.3718E+02
8.	0.1032E-02	0.5413E+02	0.3454E-02	0.7285E+02
9.	0.2874E-02	-0.6266E+02	0.3708E-02	-0.4514E+02
10.	0.3383E-02	0.1612E+03	0.4114E-02	-0.1412E+03
11.	0.3242E-02	0.3991E+02	0.2160E-02	0.1166E+02
12.	0.6646E-02	0.3028E+02	0.3695E-02	0.4592E+02
13.	0.3751E-02	0.7099E+02	0.4768E-02	0.7626E+02
14.	0.1706E-02	0.1161E+03	0.1990E-02	0.8571E+02
15.	0.1366E-02	-0.7660E+02	0.1875E-02	-0.5936E+02

Table IV-8a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1212E+02	0.0000E+00	0.9880E+01	0.0000E+00	0.9828E+01	0.0000E+00
1.	0.1632E+01	0.1246E+03	0.8678E+00	-0.1771E+03	0.1367E+01	-0.1131E+03
2.	0.3144E+00	0.5335E+02	0.1758E+00	0.4364E+02	0.4807E+00	-0.1521E+02
3.	0.1358E+00	0.1455E+03	0.1576E+00	0.1600E+03	0.1439E+00	0.8747E+02
4.	0.2645E+00	0.1727E+03	0.2012E+00	0.1714E+03	0.1026E+00	0.1627E+03
5.	0.1537E+00	0.1498E+03	0.1126E+00	0.1390E+03	0.8609E-01	0.9529E+02
6.	0.1343E+00	0.4258E+02	0.1101E+00	0.3741E+02	0.7193E-01	0.6006E+02
7.	0.1370E+00	0.1514E+02	0.9336E-01	0.1492E+02	0.1843E-01	0.4675E+01
8.	0.2965E-01	-0.9478E+02	0.2558E-01	-0.1298E+03	0.1926E-01	-0.1501E+03
9.	0.9479E-01	-0.1495E+03	0.6671E-01	-0.1522E+03	0.4703E-01	-0.1517E+03
10.	0.7509E-01	0.1783E+03	0.4198E-01	0.1844E+03	0.2937E-01	-0.1130E+03
11.	0.8129E-01	0.6273E+02	0.7103E-01	0.5424E+02	0.7345E-01	0.2336E+02
12.	0.9792E-01	0.3637E+02	0.6839E-01	0.3405E+02	0.6254E-01	0.6316E+02
13.	0.4284E-01	-0.1928E+02	0.2804E-01	-0.4200E+02	0.2337E-01	-0.1630E+03
14.	0.5614E-01	-0.1029E+03	0.4484E-01	-0.1088E+03	0.3478E-01	-0.1064E+03
15.	0.4117E-01	-0.1315E+03	0.2208E-01	-0.1258E+03	0.8005E-02	-0.2821E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1075E+02	0.0000E+00	0.1144E+02	0.0000E+00	0.1152E+02	0.0000E+00
1.	0.8135E+00	-0.1025E+03	0.5875E+00	-0.9255E+02	0.5064E+00	-0.8643E+02
2.	0.1626E+00	-0.9453E+00	0.1481E+00	0.7110E+00	0.1180E+00	0.4494E+01
3.	0.3842E-01	0.1303E+03	0.3218E-01	0.1256E+03	0.2177E-01	0.1233E+03
4.	0.4112E-01	-0.1752E+03	0.2793E-01	-0.1798E+03	0.1622E-01	0.1733E+03
5.	0.4022E-01	0.1231E+03	0.4116E-01	0.1230E+03	0.3569E-01	0.1230E+03
6.	0.3559E-01	0.6090E+02	0.2790E-01	0.6264E+02	0.2418E-01	0.6971E+02
7.	0.1812E-01	0.4905E+02	0.1488E-01	0.3600E+02	0.1089E-01	0.1642E+02
8.	0.1620E-01	-0.1035E+03	0.7928E-02	-0.8113E+02	0.6948E-02	-0.7993E+02
9.	0.1088E-01	-0.7392E+02	0.8711E-02	-0.3219E+02	0.7575E-02	-0.3990E+02
10.	0.1259E-01	0.1493E+03	0.1118E-01	0.1448E+03	0.1348E-01	0.1626E+03
11.	0.2255E-01	0.1005E+03	0.1838E-01	0.1135E+03	0.1641E-01	0.1121E+03
12.	0.1580E-01	0.9264E+02	0.1488E-01	0.9481E+02	0.1378E-01	0.9520E+02
13.	0.7930E-02	-0.1894E+02	0.7254E-02	-0.1403E+02	0.5672E-02	-0.1342E+02
14.	0.6761E-02	-0.6191E+02	0.3089E-02	-0.7551E+02	0.1917E-02	-0.1010E+03
15.	0.2171E-02	-0.1792E+03	0.1771E-02	0.1413E+03	0.5134E-02	0.1571E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1210E+02	0.0000E+00	0.1213E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.2800E+00	-0.6201E+02	0.2167E+00	-0.4476E+02	0.1638E+00	-0.1138E+02
2.	0.7272E-01	0.1126E+02	0.6111E-01	0.1798E+02	0.5521E-01	0.1762E+02
3.	0.1364E-01	0.1266E+03	0.1130E-01	0.1162E+03	0.1746E-01	-0.1737E+03
4.	0.1317E-01	0.1765E+03	0.1366E-01	-0.1754E+03	0.1906E-01	0.1593E+03
5.	0.2705E-01	0.1144E+03	0.3094E-01	0.1189E+03	0.1733E-01	0.1157E+03
6.	0.1463E-01	0.5502E+02	0.1538E-01	0.5821E+02	0.1480E-01	0.7710E+02
7.	0.9094E-02	0.2133E+02	0.8779E-02	0.2567E+02	0.1161E-01	0.4390E+01
8.	0.1352E-02	-0.1652E+03	0.9952E-03	-0.3381E+02	0.6624E-02	-0.1087E+03
9.	0.6487E-02	-0.4897E+02	0.7423E-02	-0.4211E+02	0.4298E-02	-0.8840E+02
10.	0.7655E-02	0.1107E+03	0.9639E-02	0.1220E+03	0.7779E-02	0.1425E+03
11.	0.1226E-01	0.5699E+02	0.1119E-01	0.6596E+02	0.1093E-01	0.5592E+02
12.	0.1095E-01	0.3448E+02	0.1218E-01	0.4036E+02	0.8812E-02	0.2133E+02
13.	0.4907E-02	-0.6147E+02	0.3678E-02	-0.4760E+02	0.2144E-02	-0.6495E+02
14.	0.4380E-02	0.1295E+03	0.4152E-02	0.1001E+03	0.2151E-02	0.1575E+00
15.	0.3169E-02	0.1015E+03	0.1840E-02	0.9215E+02	0.1343E-02	-0.1180E+03

Table IV-8a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1248E+02	0.0000E+00	0.1265E+02	0.0000E+00	0.1241E+02	0.0000E+00
1.	0.1961E+00	0.1268E+02	0.2323E+00	0.3568E+02	0.7170E+00	0.4578E+02
2.	0.6303E-01	0.4381E+01	0.9693E-01	-0.2797E+01	0.2413E+00	-0.7682E+02
3.	0.2918E-01	-0.1609E+03	0.4632E-01	-0.1492E+03	0.7464E-01	0.1385E+03
4.	0.1792E-01	0.1533E+03	0.1859E-01	0.1532E+03	0.2037E-01	-0.9364E+02
5.	0.1967E-01	0.1203E+03	0.1412E-01	0.1237E+03	0.2569E-01	0.1600E+03
6.	0.1389E-01	0.7418E+02	0.9365E-02	0.7220E+02	0.1568E-01	0.7919E+02
7.	0.1150E-01	0.1540E+01	0.5021E-02	0.3374E+02	0.1599E-01	0.3362E+01
8.	0.2964E-02	-0.1164E+03	0.3732E-02	-0.4474E+02	0.9511E-02	-0.1390E+03
9.	0.8898E-02	-0.7659E+02	0.8978E-02	-0.8016E+02	0.3863E-02	0.1218E+02
10.	0.8215E-02	0.1470E+03	0.6843E-02	0.1509E+03	0.2131E-02	-0.7150E+02
11.	0.1003E-01	0.6444E+02	0.6713E-02	0.7791E+02	0.8109E-03	0.4761E+00
12.	0.6623E-02	0.1334E+02	0.8159E-02	0.3058E+02	0.6199E-02	0.9059E+02
13.	0.3433E-02	0.3677E+02	0.3807E-02	0.2609E+02	0.6246E-02	0.8256E+02
14.	0.2417E-02	-0.9933E+01	0.1712E-02	0.1961E+02	0.8263E-02	0.1285E+02
15.	0.1014E-02	-0.1737E+03	0.2571E-02	-0.8241E+02	0.6799E-02	-0.1011E+03

Table IV-8b. Harmonic pressure data for 82 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1366E+02	0.0000E+00	0.1339E+02	0.0000E+00	0.1317E+02	0.0000E+00
1.	0.0755E+00	0.8862E+02	0.2021E+00	0.1075E+03	0.5216E-01	-0.1494E+03
2.	0.0082E-01	-0.1065E+03	0.1188E+00	-0.1986E+02	0.1167E+00	-0.4171E+01
3.	0.2123E-01	0.1251E+03	0.2810E-01	-0.1556E+02	0.2585E-01	-0.1259E+02
4.	0.3057E-01	-0.9486E+00	0.3896E-01	-0.5864E+01	0.2777E-01	-0.8614E+01
5.	0.1919E-01	-0.1481E+03	0.7549E-02	0.1539E+03	0.5679E-02	0.1201E+03
6.	0.1537E-01	-0.5815E+02	0.2287E-01	-0.7038E+02	0.1388E-01	-0.7349E+02
7.	0.1753E-01	-0.6161E+02	0.2326E-01	-0.3728E+02	0.1937E-01	-0.3508E+02
8.	0.1116E-01	-0.1015E+03	0.4275E-02	0.1626E+03	0.4866E-02	0.1094E+03
9.	0.5587E-02	0.4429E+02	0.3890E-02	-0.3134E+02	0.1499E-02	-0.9016E+02
10.	0.6642E-02	-0.1226E+03	0.8688E-02	-0.1702E+03	0.6489E-02	-0.1754E+03
11.	0.8656E-02	-0.8005E+02	0.1160E-01	-0.9564E+02	0.8192E-02	-0.8931E+02
12.	0.8502E-02	0.1261E+03	0.1036E-01	0.9639E+02	0.5033E-02	0.9466E+02
13.	0.2134E-02	-0.1198E+03	0.1188E-01	-0.1748E+03	0.8547E-02	0.1773E+03
14.	0.5528E-02	-0.1468E+03	0.0988E-02	-0.1340E+03	0.5384E-02	-0.1071E+03
15.	0.9118E-02	-0.1587E+03	0.9352E-02	-0.1656E+03	0.5043E-02	-0.1680E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1288E+02	0.0000E+00	0.1297E+02	0.0000E+00	0.1309E+02	0.0000E+00
1.	0.1461E+00	-0.1043E+03	0.5612E-01	-0.1243E+03	0.2376E-01	0.1685E+03
2.	0.9153E-01	-0.4462E+01	0.5585E-01	-0.4738E+01	0.2885E-01	-0.5721E+01
3.	0.1883E-01	0.6720E+01	0.9277E-02	-0.2051E+02	0.5261E-02	-0.1114E+02
4.	0.1583E-01	0.5508E+01	0.1176E-01	0.6510E+01	0.9101E-02	0.9806E+01
5.	0.6453E-02	0.1143E+03	0.3493E-02	0.1480E+03	0.3032E-02	-0.1506E+03
6.	0.2481E-02	-0.1168E+03	0.7834E-03	-0.1486E+01	0.2049E-02	0.3903E+01
7.	0.7921E-02	-0.3307E+02	0.7921E-02	-0.2802E+02	0.4380E-02	-0.4397E+02
8.	0.6123E-02	0.8638E+02	0.5150E-02	0.5733E+02	0.4143E-02	0.5942E+02
9.	0.2300E-02	0.1295E+03	0.6683E-03	-0.1742E+03	0.1259E-02	-0.1045E+02
10.	0.2506E-02	0.1334E+03	0.2784E-03	0.6560E+02	0.1734E-02	0.3594E+02
11.	0.2190E-02	-0.5082E+02	0.2236E-02	-0.5874E+02	0.1546E-02	-0.1842E+02
12.	0.3122E-02	0.3920E+02	0.5236E-03	-0.5609E+02	0.1393E-02	0.2955E+02
13.	0.2733E-02	0.1404E+03	0.1170E-02	0.1080E+03	0.1308E-02	0.8056E+01
14.	0.2639E-02	-0.1125E+03	0.1184E-02	-0.1254E+03	0.1553E-02	-0.5982E+02
15.	0.1349E-02	-0.1621E+03	0.2517E-02	-0.1680E+03	0.2306E-02	-0.1523E+03



Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1444E+02	0.0000E+00	0.1312E+02	0.0000E+00	0.1307E+02	0.0000E+00
1.	0.7966E+00	0.9457E+02	0.3385E+00	-0.9072E+02	0.3338E+00	-0.9023E+02
2.	0.8209E-01	-0.4156E+02	0.1720E+00	-0.1719E+02	0.1345E+00	-0.1589E+02
3.	0.1900E-02	-0.1972E+02	0.1375E+00	0.1694E+02	0.1068E+00	0.1959E+02
4.	0.2853E-01	0.1620E+03	0.3396E-01	-0.1657E+02	0.2984E-01	-0.8280E+01
5.	0.1516E-01	0.3237E+01	0.4175E-01	-0.6902E+02	0.3255E-01	-0.7763E+02
6.	0.2449E-02	-0.1796E+03	0.2999E-01	0.5369E+02	0.2288E-01	0.4488E+02
7.	0.3666E-01	-0.1457E+03	0.1495E-01	-0.6971E+00	0.1420E-01	0.6200E+01
8.	0.4377E-02	0.1330E+03	0.4046E-01	-0.2537E+02	0.2912E-01	-0.2445E+02
9.	0.1393E-01	0.6530E+02	0.1526E-01	0.6029E+01	0.1275E-01	-0.3980E+01
10.	0.8731E-02	-0.1777E+03	0.2253E-01	0.1131E+03	0.1615E-01	0.1046E+03
11.	0.2242E-01	-0.1682E+03	0.5954E-02	0.6668E+02	0.6521E-02	0.5825E+02
12.	0.1357E-01	0.1603E+03	0.1906E-01	-0.1963E+02	0.1490E-01	-0.1555E+02
13.	0.0053E-02	0.3620E+02	0.1230E-01	-0.9692E+01	0.9485E-02	-0.1130E+02
14.	0.1101E-01	-0.1388E+03	0.1250E-01	0.1160E+03	0.6191E-02	0.1008E+03
15.	0.1534E-01	-0.1438E+03	0.2670E-02	0.1034E+03	0.3086E-02	0.8668E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1297E+02	0.0000E+00	0.1295E+02	0.0000E+00	0.1305E+02	0.0000E+00
1.	0.3354E+00	-0.9101E+02	0.1568E+00	-0.9546E+02	0.1053E+00	-0.1004E+03
2.	0.1133E+00	-0.1320E+02	0.6035E-01	-0.1291E+02	0.4502E-01	-0.1413E+02
3.	0.8206E-01	0.1835E+02	0.4285E-01	0.1847E+02	0.3332E-01	0.1773E+02
4.	0.2588E-01	0.1930E+01	0.2070E-01	0.6450E+01	0.1906E-01	-0.2690E+00
5.	0.2240E-01	-0.7998E+02	0.1531E-01	-0.9540E+02	0.1252E-01	-0.9428E+02
6.	0.1776E-01	0.3955E+02	0.8414E-02	0.3369E+02	0.7417E-02	0.3434E+02
7.	0.1273E-01	0.1194E+02	0.8796E-02	-0.8492E+01	0.7951E-02	-0.1802E+02
8.	0.2090E-01	-0.2165E+02	0.1081E-01	-0.8950E+01	0.8569E-02	-0.6662E+01
9.	0.9922E-02	-0.6489E+01	0.6349E-02	-0.1632E+02	0.4519E-02	-0.1499E+02
10.	0.1157E-01	0.9818E+02	0.8817E-02	0.9397E+02	0.6565E-02	0.1011E+03
11.	0.5521E-02	0.6328E+02	0.4580E-02	0.5682E+02	0.3217E-02	0.4665E+02
12.	0.1166E-01	0.1214E+01	0.6968E-02	0.2314E+02	0.4575E-02	0.2116E+02
13.	0.7772E-02	-0.9928E+01	0.5411E-02	-0.2833E+02	0.4962E-02	-0.4274E+02
14.	0.3706E-02	0.9003E+02	0.3474E-02	-0.2798E+02	0.4294E-02	-0.3782E+02
15.	0.2940E-02	0.8226E+02	0.1292E-02	0.1129E+03	0.8666E-03	0.5012E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1327E+02	0.0000E+00	0.1309E+02	0.0000E+00
1.	0.5814E-01	-0.1125E+03	0.4229E-01	0.1186E+03
2.	0.2332E-01	-0.1878E+02	0.0616E-02	-0.1309E+02
3.	0.1875E-01	0.1739E+02	0.5938E-02	0.2545E+02
4.	0.1167E-01	0.1048E+02	0.1086E-01	0.1597E+02
5.	0.7584E-02	-0.1082E+03	0.6844E-02	-0.1188E+03
6.	0.2289E-02	0.1936E+02	0.1951E-02	0.8122E+01
7.	0.4848E-02	-0.1964E+02	0.6688E-02	-0.5797E+02
8.	0.4461E-02	-0.1686E+02	0.3316E-02	0.5121E+02
9.	0.2777E-02	-0.3172E+02	0.1574E-02	-0.1964E+01
10.	0.3777E-02	0.8348E+02	0.5105E-02	0.8946E+02
11.	0.2949E-02	0.5231E+02	0.3434E-02	0.4019E+02
12.	0.3005E-02	0.5334E+02	0.3303E-02	0.5253E+02
13.	0.3027E-02	-0.4596E+02	0.3934E-02	-0.1480E+02
14.	0.1940E-02	-0.4005E+02	0.5366E-02	-0.3749E+02
15.	0.1175E-02	0.9509E+02	0.1062E-02	-0.1344E+03

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1382E+02	0.0000E+00	0.1280E+02	0.0000E+00	0.1255E+02	0.0000E+00
1.	0.3206E+00	-0.6019E+02	0.6802E+00	-0.7395E+02	0.6764E+00	-0.8153E+02
2.	0.1085E+00	-0.6086E+02	0.1273E+00	-0.3649E+02	0.1104E+00	-0.4292E+02
3.	0.1925E+00	-0.9092E+01	0.1601E+00	0.2213E+01	0.1330E+00	-0.3207E+00
4.	0.3464E-01	0.4107E+02	0.7677E-01	0.2903E+02	0.5985E-01	0.2625E+02
5.	0.9744E-01	-0.1310E+03	0.1098E+00	-0.1286E+03	0.6514E-01	-0.1240E+03
6.	0.3320E-01	-0.7773E+02	0.3459E-01	-0.7658E+02	0.3770E-01	-0.9937E+02
7.	0.2657E-01	0.5514E+02	0.6742E-02	-0.4589E+01	0.6205E-02	0.7929E+02
8.	0.2072E-02	0.3234E+02	0.1858E-01	0.4566E+02	0.1783E-01	0.4290E+02
9.	0.3544E-01	-0.8244E+02	0.3787E-01	-0.5195E+02	0.2630E-01	-0.4921E+02
10.	0.0134E-02	-0.4545E+00	0.6038E-02	0.1080E+02	0.1082E-01	-0.6663E+02
11.	0.1872E-01	0.9865E+02	0.1025E-01	0.1231E+03	0.5969E-02	0.1628E+03
12.	0.7302E-02	-0.7871E+02	0.7696E-02	0.4793E+02	0.4121E-02	0.1007E+03
13.	0.3175E-01	-0.7303E+02	0.3692E-01	-0.5077E+02	0.2356E-01	-0.4551E+02
14.	0.3019E-01	-0.9573E+02	0.4212E-01	-0.6756E+02	0.2831E-01	-0.6786E+02
15.	0.1428E-01	-0.1456E+03	0.2842E-01	-0.1279E+03	0.1675E-01	-0.1215E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1299E+02	0.0000E+00	0.1297E+02	0.0000E+00	0.1307E+02	0.0000E+00
1.	0.3354E+00	-0.8615E+02	0.2773E+00	-0.8784E+02	0.1786E+00	-0.9182E+02
2.	0.4791E-01	-0.4261E+02	0.3911E-01	-0.4541E+02	0.2828E-01	-0.4911E+02
3.	0.5812E-01	0.5275E+01	0.5132E-01	0.6032E+01	0.3759E-01	0.5368E+01
4.	0.3029E-01	0.2836E+02	0.2865E-01	0.2118E+02	0.2456E-01	0.1823E+02
5.	0.2631E-01	-0.1055E+03	0.2551E-01	-0.1087E+03	0.2168E-01	-0.1079E+03
6.	0.1691E-01	-0.9876E+02	0.1348E-01	-0.9795E+02	0.9787E-02	-0.1089E+03
7.	0.1112E-02	0.9555E+02	0.1534E-02	-0.2690E+02	0.1502E-02	-0.1212E+03
8.	0.1048E-01	0.4270E+02	0.1027E-01	0.3384E+02	0.8228E-02	0.3990E+02
9.	0.1088E-01	-0.1683E+02	0.1094E-01	-0.2322E+02	0.9520E-02	-0.1713E+02
10.	0.6112E-02	-0.5840E+02	0.5179E-02	-0.6734E+02	0.2622E-02	-0.8424E+02
11.	0.2128E-02	-0.1483E+03	0.2059E-02	-0.1483E+03	0.9980E-03	-0.1392E+03
12.	0.3028E-02	0.9239E+02	0.3987E-02	0.9152E+02	0.3834E-02	0.8373E+02
13.	0.7504E-02	-0.1177E+02	0.7451E-02	-0.1602E+02	0.6708E-02	-0.4946E+01
14.	0.1187E-01	-0.4211E+02	0.1172E-01	-0.4628E+02	0.1156E-01	-0.4303E+02
15.	0.7239E-02	-0.9822E+02	0.7248E-02	-0.9641E+02	0.6961E-02	-0.1016E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1313E+02	0.0000E+00	0.1307E+02	0.0000E+00
1.	0.9914E-01	-0.1004E+03	0.2569E-01	0.1342E+03
2.	0.1751E-01	-0.4333E+02	0.5552E-02	-0.1108E+03
3.	0.2784E-01	0.6829E+01	0.8260E-02	0.8596E+01
4.	0.1977E-01	0.1043E+02	0.9625E-02	0.4753E+01
5.	0.2013E-01	-0.1106E+03	0.1019E-01	-0.1097E+03
6.	0.6367E-02	-0.1181E+03	0.2180E-02	-0.1491E+03
7.	0.1995E-02	-0.1006E+03	0.1843E-02	-0.1343E+03
8.	0.8214E-02	0.2233E+02	0.3687E-02	0.2908E+02
9.	0.9548E-02	-0.1698E+02	0.5592E-02	-0.6947E+01
10.	0.1832E-02	-0.7820E+02	0.1255E-02	0.4709E+02
11.	0.1189E-02	-0.1405E+03	0.8141E-03	-0.1063E+03
12.	0.4583E-02	0.9414E+02	0.2267E-02	0.7615E+02
13.	0.5526E-02	0.6119E+00	0.3333E-02	0.3798E+01
14.	0.9858E-02	-0.3924E+02	0.5134E-02	-0.5762E+02
15.	0.7431E-02	-0.8684E+02	0.2517E-02	-0.1091E+03

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1522E+02	0.0000E+00	0.1366E+02	0.0000E+00	0.1248E+02	0.0000E+00
1.	0.4444E+00	0.4412E+02	0.6696E+00	-0.5556E+02	0.1097E+01	-0.7099E+02
2.	0.8603E-01	-0.1526E+03	0.1224E+00	-0.1242E+03	0.1019E+00	-0.7984E+02
3.	0.2521E+00	-0.2757E+02	0.2232E+00	-0.2153E+02	0.1808E+00	-0.1630E+02
4.	0.7396E-01	0.1428E+02	0.1265E+00	0.1578E+02	0.1441E+00	0.1972E+02
5.	0.0031E-01	-0.1600E+03	0.4963E-01	-0.1268E+03	0.4268E-01	-0.1267E+03
6.	0.4748E-01	-0.1157E+03	0.8135E-01	-0.1157E+03	0.8176E-01	-0.1146E+03
7.	0.5242E-01	-0.1422E+02	0.3114E-01	-0.4393E+02	0.3542E-01	-0.7671E+02
8.	0.4631E-01	0.3964E+02	0.5912E-01	0.5333E+02	0.5849E-01	0.5282E+02
9.	0.2711E-01	-0.1512E+03	0.6330E-02	0.7666E+02	0.1944E-01	0.5115E+02
10.	0.3253E-01	-0.1158E+03	0.3715E-01	-0.8913E+02	0.2825E-01	-0.8077E+02
11.	0.1126E-01	0.4218E+02	0.1856E-01	-0.6903E+02	0.2812E-01	-0.7879E+02
12.	0.2946E-01	0.7951E+02	0.2007E-01	0.1117E+03	0.1191E-01	0.1263E+03
13.	0.7397E-02	0.1774E+03	0.1441E-01	0.1369E+03	0.9196E-02	0.1204E+03
14.	0.2454E-01	-0.9035E+02	0.1958E-01	-0.7619E+02	0.1570E-01	-0.6261E+02
15.	0.2402E-02	0.2307E+02	0.1076E-01	-0.5683E+02	0.1626E-01	-0.5476E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1199E+02	0.0000E+00	0.1243E+02	0.0000E+00	0.1271E+02	0.0000E+00
1.	0.1067E+01	-0.7501E+02	0.6123E+00	-0.8149E+02	0.3804E+00	-0.8432E+02
2.	0.1008E+00	-0.5630E+02	0.5826E-01	-0.5179E+02	0.3598E-01	-0.7912E+02
3.	0.1347E+00	-0.9979E+01	0.6423E-01	-0.5411E+01	0.4520E-01	-0.7956E+01
4.	0.1281E+00	0.2040E+02	0.6338E-01	0.2007E+02	0.4135E-01	0.1628E+02
5.	0.3075E-01	-0.1272E+03	0.1731E-01	-0.9051E+02	0.1559E-01	-0.8415E+02
6.	0.6514E-01	-0.1175E+03	0.2575E-01	-0.1108E+03	0.1945E-01	-0.1144E+03
7.	0.3470E-01	-0.8941E+02	0.1844E-01	-0.1029E+03	0.1030E-01	-0.1103E+03
8.	0.4535E-01	0.4913E+02	0.1767E-01	0.4640E+02	0.1171E-01	0.4396E+02
9.	0.2554E-01	0.4244E+02	0.1663E-01	0.3901E+02	0.1136E-01	0.3244E+02
10.	0.1529E-01	-0.7558E+02	0.9456E-02	-0.2963E+02	0.8556E-02	-0.4958E+02
11.	0.2492E-01	-0.8505E+02	0.1228E-01	-0.7305E+02	0.8091E-02	-0.8234E+02
12.	0.6119E-02	0.1495E+03	0.5604E-02	-0.1461E+03	0.5116E-02	-0.1580E+03
13.	0.3426E-02	0.7505E+02	0.1207E-02	-0.8963E+02	0.6930E-04	0.7685E+02
14.	0.1358E-01	-0.5203E+02	0.6753E-02	-0.2748E+02	0.4783E-02	-0.2928E+02
15.	0.1614E-01	-0.5871E+02	0.7548E-02	-0.7049E+02	0.5466E-02	-0.6808E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1265E+02	0.0000E+00	0.1287E+02	0.0000E+00	0.1302E+02	0.0000E+00
1.	0.3089E+00	-0.8786E+02	0.2533E+00	-0.8787E+02	0.1404E+00	-0.9877E+02
2.	0.3213E-01	-0.8681E+02	0.2665E-01	-0.9404E+02	0.1610E-01	-0.1136E+03
3.	0.4102E-01	-0.9790E+01	0.3407E-01	-0.6598E+01	0.2134E-01	-0.7497E+01
4.	0.3750E-01	0.1238E+02	0.3166E-01	0.1336E+02	0.2164E-01	0.6595E+01
5.	0.1477E-01	-0.8491E+02	0.1484E-01	-0.8836E+02	0.1395E-01	-0.1069E+03
6.	0.1738E-01	-0.1155E+03	0.1356E-01	-0.1156E+03	0.8939E-02	-0.1249E+03
7.	0.9510E-02	-0.1251E+03	0.8136E-02	-0.1259E+03	0.5562E-02	-0.1271E+03
8.	0.9531E-02	0.3797E+02	0.7871E-02	0.3862E+02	0.5473E-02	0.3365E+02
9.	0.1051E-01	0.2040E+02	0.9419E-02	0.2190E+02	0.7125E-02	0.5228E+01
10.	0.8875E-02	-0.5199E+02	0.6736E-02	-0.5515E+02	0.4363E-02	-0.6788E+02
11.	0.8483E-02	-0.8273E+02	0.5974E-02	-0.8666E+02	0.3914E-02	-0.1076E+03
12.	0.5845E-02	-0.1567E+03	0.4277E-02	-0.1604E+03	0.4646E-02	0.1649E+03
13.	0.1324E-02	0.1211E+03	0.6940E-03	0.1275E+03	0.7519E-03	-0.1697E+03
14.	0.3774E-02	-0.2093E+02	0.4136E-02	-0.3061E+02	0.4032E-02	-0.5833E+02
15.	0.5584E-02	-0.7374E+02	0.5360E-02	-0.7525E+02	0.4859E-02	-0.1062E+03

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1305E+02	0.0000E+00
1.	0.1537E-01	0.1396E+03
2.	0.6899E-02	-0.1685E+03
3.	0.7080E-02	0.6103E+01
4.	0.9526E-02	-0.1852E+01
5.	0.1017E-01	-0.1101E+03
6.	0.3589E-02	-0.1048E+03
7.	0.3490E-02	-0.1631E+03
8.	0.1055E-02	0.4529E+02
9.	0.4574E-02	-0.2097E+02
10.	0.2025E-02	-0.5575E+02
11.	0.2464E-02	-0.9285E+02
12.	0.2253E-02	0.1751E+03
13.	0.5868E-03	-0.4371E+02
14.	0.2174E-02	-0.2998E+02
15.	0.2264E-02	-0.1133E+03

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1473E+02	0.0000E+00	0.1315E+02	0.0000E+00	0.1180E+02	0.0000E+00
1.	0.4081E+00	0.9831E+01	0.9753E+00	-0.5890E+02	0.1387E+01	-0.7199E+02
2.	0.1437E+00	-0.1562E+03	0.1540E+00	-0.1325E+03	0.1016E+00	-0.8111E+02
3.	0.2320E+00	-0.2619E+02	0.2233E+00	-0.2314E+02	0.1778E+00	-0.1838E+02
4.	0.1212E+00	0.8421E+01	0.1702E+00	0.1405E+02	0.1738E+00	0.2145E+02
5.	0.2856E-01	-0.1389E+03	0.2394E-01	-0.7683E+02	0.6379E-02	-0.2100E+02
6.	0.0853E-01	-0.1265E+03	0.8861E-01	-0.1193E+03	0.8314E-01	-0.1208E+03
7.	0.3481E-01	-0.5788E+02	0.4851E-01	-0.8048E+02	0.5864E-01	-0.8603E+02
8.	0.5565E-01	0.4574E+02	0.6434E-01	0.5074E+02	0.5506E-01	0.4769E+02
9.	0.1474E-01	0.8728E+02	0.3294E-01	0.6751E+02	0.4201E-01	0.6823E+02
10.	0.2839E-01	-0.1103E+03	0.2759E-01	-0.8387E+02	0.1298E-01	-0.6653E+02
11.	0.3015E-01	-0.7861E+02	0.4859E-01	-0.7793E+02	0.4320E-01	-0.8158E+02
12.	0.1983E-01	0.7303E+02	0.2947E-02	0.8197E+02	0.9855E-02	-0.9935E+02
13.	0.2565E-01	0.1173E+03	0.2874E-01	0.1243E+03	0.1982E-01	0.1226E+03
14.	0.1358E-01	-0.9432E+02	0.3067E-02	-0.1200E+03	0.1467E-02	0.1114E+03
15.	0.2174E-01	-0.5987E+02	0.2208E-01	-0.4278E+02	0.1549E-01	-0.3975E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1191E+02	0.0000E+00	0.1239E+02	0.0000E+00	0.1244E+02	0.0000E+00
1.	0.1101E+01	-0.7504E+02	0.1065E+01	-0.7806E+02	0.6090E+00	-0.8348E+02
2.	0.8497E-01	-0.6235E+02	0.9352E-01	-0.4435E+02	0.4705E-01	-0.6859E+02
3.	0.1205E+00	-0.1550E+02	0.9711E-01	-0.1124E+02	0.4983E-01	-0.1108E+02
4.	0.1244E+00	0.2013E+02	0.1079E+00	0.2127E+02	0.5283E-01	0.1667E+02
5.	0.1143E-01	-0.1970E+02	0.9799E-02	-0.3017E+02	0.1524E-01	-0.4175E+02
6.	0.5628E-01	-0.1232E+03	0.4346E-01	-0.1259E+03	0.1974E-01	-0.1213E+03
7.	0.4043E-01	-0.9505E+02	0.3851E-01	-0.9866E+02	0.1403E-01	-0.9060E+02
8.	0.3717E-01	0.4200E+02	0.3121E-01	0.3755E+02	0.1483E-01	0.3505E+02
9.	0.3261E-01	0.5940E+02	0.3130E-01	0.5493E+02	0.1446E-01	0.5031E+02
10.	0.8289E-02	-0.3699E+02	0.8910E-02	-0.9082E+01	0.6090E-02	-0.2918E+02
11.	0.3019E-01	-0.8824E+02	0.1995E-01	-0.9323E+02	0.7558E-02	-0.1152E+03
12.	0.1248E-01	-0.1013E+03	0.9580E-02	-0.1044E+03	0.5995E-02	-0.1312E+03
13.	0.9138E-02	0.1295E+03	0.3963E-02	0.1328E+03	0.2181E-02	-0.1632E+03
14.	0.2381E-02	0.4230E+02	0.4079E-02	-0.3193E+02	0.1658E-02	-0.5395E+02
15.	0.9982E-02	-0.3291E+02	0.7650E-02	-0.5401E+02	0.5646E-02	-0.4764E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1289E+02	0.0000E+00	0.1269E+02	0.0000E+00	0.1302E+02	0.0000E+00
1.	0.4908E+00	-0.8451E+02	0.3565E+00	-0.8575E+02	0.2863E+00	-0.8915E+02
2.	0.3997E-01	-0.8193E+02	0.2860E-01	-0.9606E+02	0.2631E-01	-0.1092E+03
3.	0.4324E-01	-0.1227E+02	0.3196E-01	-0.9084E+01	0.2942E-01	-0.1163E+02
4.	0.4468E-01	0.1547E+02	0.3484E-01	0.1430E+02	0.2967E-01	0.1021E+02
5.	0.1522E-01	-0.4783E+02	0.1594E-01	-0.6637E+02	0.1460E-01	-0.6531E+02
6.	0.1829E-01	-0.1184E+03	0.1290E-01	-0.1165E+03	0.1308E-01	-0.1172E+03
7.	0.1157E-01	-0.1067E+03	0.8397E-02	-0.8742E+02	0.5955E-02	-0.1071E+03
8.	0.1277E-01	0.3864E+02	0.1217E-01	0.3534E+02	0.9871E-02	0.3499E+02
9.	0.1251E-01	0.4871E+02	0.8572E-02	0.4961E+02	0.7380E-02	0.4032E+02
10.	0.7049E-02	-0.3605E+02	0.5345E-02	-0.4229E+02	0.7322E-02	-0.5133E+02
11.	0.7595E-02	-0.1030E+03	0.4363E-02	-0.1252E+03	0.5350E-02	-0.1183E+03
12.	0.6453E-02	-0.1373E+03	0.4098E-02	-0.1563E+03	0.5037E-02	-0.1626E+03
13.	0.2617E-02	0.1416E+03	0.1044E-02	0.1320E+03	0.1852E-02	0.1386E+03
14.	0.1647E-02	-0.1887E+02	0.3052E-02	-0.4955E+02	0.9350E-03	0.2439E+02
15.	0.5697E-02	-0.4629E+02	0.5384E-02	-0.5820E+02	0.5184E-02	-0.5036E+02

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1261E+02	0.0000E+00	0.1311E+02	0.0000E+00	0.1299E+02	0.0000E+00
1.	0.1521E+00	-0.8864E+02	0.1829E+00	-0.9279E+02	0.1031E+00	-0.1065E+03
2.	0.5234E-01	0.1787E+03	0.2351E-01	-0.1227E+03	0.1758E-01	-0.1424E+03
3.	0.6846E-02	0.4696E+01	0.2264E-01	-0.1376E+02	0.1659E-01	-0.7846E+01
4.	0.8425E-02	-0.2115E+02	0.2279E-01	0.5919E+01	0.1633E-01	-0.1021E+01
5.	0.1994E-01	-0.7165E+02	0.1126E-01	-0.7889E+02	0.1257E-01	-0.8957E+02
6.	0.1290E-01	-0.1285E+03	0.1336E-01	-0.1236E+03	0.9797E-02	-0.1246E+03
7.	0.7418E-02	-0.1559E+03	0.8107E-02	-0.1588E+03	0.4731E-02	-0.1577E+03
8.	0.4768E-02	0.1031E+03	0.6390E-02	0.4608E+02	0.4710E-02	0.4001E+02
9.	0.6054E-02	-0.4230E+01	0.7581E-02	0.2640E+02	0.6081E-02	0.1676E+02
10.	0.8308E-02	-0.5145E+02	0.7100E-02	-0.5564E+02	0.5858E-02	-0.6398E+02
11.	0.8351E-02	-0.9889E+02	0.7032E-02	-0.9872E+02	0.4881E-02	-0.1131E+03
12.	0.5731E-02	-0.1441E+03	0.6315E-02	-0.1532E+03	0.5282E-02	-0.1660E+03
13.	0.3563E-02	0.1511E+03	0.3221E-02	0.9658E+02	0.1858E-02	0.1178E+03
14.	0.2789E-02	0.2464E+02	0.2148E-02	0.3485E+02	0.1570E-02	0.4007E+02
15.	0.3003E-02	-0.6018E+02	0.3983E-02	-0.6360E+02	0.3543E-02	-0.6513E+02

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1444E+02	0.0000E+00	0.1215E+02	0.0000E+00	0.1190E+02	0.0000E+00
1.	0.5386E+00	-0.1244E+02	0.1324E+01	-0.6380E+02	0.9930E+00	-0.8281E+02
2.	0.2608E+00	-0.1582E+03	0.2276E+00	-0.1406E+03	0.7971E-01	-0.5524E+02
3.	0.2415E+00	-0.3311E+02	0.2432E+00	-0.3493E+02	0.6540E-01	-0.1423E+02
4.	0.1650E+00	-0.2544E+01	0.2199E+00	0.7003E+01	0.8294E-01	0.1578E+02
5.	0.2834E-01	-0.1746E+02	0.5042E-01	0.1026E+02	0.2024E-01	-0.3598E+01
6.	0.0445E-01	-0.1417E+03	0.9765E-01	-0.1369E+03	0.2251E-01	-0.1309E+03
7.	0.4221E-01	-0.1098E+03	0.6714E-01	-0.1178E+03	0.3008E-01	-0.1213E+03
8.	0.6016E-01	0.3262E+02	0.5180E-01	0.3450E+02	0.1120E-01	0.2834E+02
9.	0.4472E-01	0.5630E+02	0.6818E-01	0.5211E+02	0.2421E-01	0.4336E+02
10.	0.1396E-01	-0.1213E+03	0.6405E-02	0.2358E+02	0.1337E-01	0.3341E+02
11.	0.5600E-01	-0.1084E+03	0.6625E-01	-0.1027E+03	0.1137E-01	-0.9741E+02
12.	0.1504E-01	-0.7438E+02	0.3226E-01	-0.9131E+02	0.1521E-01	-0.1164E+03
13.	0.3524E-01	0.9382E+02	0.2852E-01	0.1140E+03	0.4933E-02	-0.1351E+03
14.	0.2844E-01	0.1242E+03	0.3461E-01	0.1158E+03	0.2615E-02	0.8238E+02
15.	0.1706E-01	-0.1027E+03	0.5610E-02	-0.1125E+03	0.2488E-02	-0.6006E+01

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1245E+02	0.0000E+00	0.1258E+02	0.0000E+00	0.1297E+02	0.0000E+00
1.	0.4430E+00	-0.8441E+02	0.2917E+00	-0.9058E+02	0.8194E-01	-0.9549E+02
2.	0.1914E-01	-0.8084E+02	0.1406E-01	-0.1412E+03	0.1456E-01	0.1417E+03
3.	0.2658E-01	-0.2190E+01	0.1948E-01	-0.2935E+00	0.1370E-01	0.1837E+02
4.	0.3960E-01	0.1806E+02	0.2270E-01	0.1866E+02	0.1246E-01	0.1646E+02
5.	0.1617E-01	-0.7142E+02	0.1307E-01	-0.6610E+02	0.1387E-01	-0.1099E+03
6.	0.7967E-02	-0.1136E+03	0.8784E-02	-0.1063E+03	0.8478E-02	-0.1202E+03
7.	0.1415E-01	-0.1214E+03	0.6708E-02	-0.1284E+03	0.4093E-02	-0.1449E+03
8.	0.6899E-02	0.4582E+02	0.4747E-02	0.6286E+02	0.5324E-02	0.6317E+02
9.	0.1317E-01	0.3776E+02	0.7998E-02	0.4927E+02	0.5516E-02	0.2546E+02
10.	0.5525E-02	0.2018E+02	0.5854E-02	-0.1387E+02	0.3646E-02	-0.4925E+02
11.	0.5046E-02	-0.8073E+02	0.4131E-02	-0.8968E+02	0.2822E-02	-0.1187E+03
12.	0.5729E-02	-0.1316E+03	0.4466E-02	-0.1365E+03	0.3756E-02	0.1751E+03
13.	0.6361E-03	-0.8138E+02	0.1369E-02	-0.1690E+03	0.2385E-03	0.1070E+03
14.	0.4138E-02	-0.7264E+01	0.1473E-02	0.2254E+02	0.2542E-02	-0.1605E+02
15.	0.2443E-02	-0.8611E+02	0.2187E-02	-0.3840E+02	0.2181E-02	-0.1071E+03

HARMONIC	FRACTN RADIUS 0.95	
	AMPLITUDE	PHASE
0.	0.1326E+02	0.0000E+00
1.	0.1212E+00	0.9520E+02
2.	0.1520E-01	0.1489E+03
3.	0.8801E-02	0.4795E+02
4.	0.3293E-02	-0.2791E+02
5.	0.1278E-01	-0.1073E+03
6.	0.4348E-02	-0.9449E+02
7.	0.1653E-02	0.9849E+02
8.	0.4163E-02	0.1121E+03
9.	0.1955E-02	-0.7288E+01
10.	0.3759E-02	-0.5864E+02
11.	0.7019E-03	-0.2467E+02
12.	0.3249E-02	0.1537E+03
13.	0.2584E-02	-0.1614E+03
14.	0.9412E-03	-0.3644E+01
15.	0.5977E-03	-0.1861E+02

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1481E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1127E+02	0.0000E+00
1.	0.4578E+00	0.1108E+01	0.1215E+01	-0.6630E+02	0.1514E+01	-0.7846E+02
2.	0.2584E+00	-0.1800E+03	0.2115E+00	-0.1441E+03	0.1304E+00	-0.7622E+02
3.	0.1918E+00	-0.3551E+02	0.1983E+00	-0.4183E+02	0.1463E+00	-0.3258E+02
4.	0.1502E+00	-0.6774E+01	0.1989E+00	-0.2987E+01	0.1787E+00	0.5214E+01
5.	0.3630E-01	-0.2361E+02	0.5799E-01	-0.7030E+00	0.5142E-01	0.3022E+02
6.	0.7505E-01	-0.1481E+03	0.8002E-01	-0.1536E+03	0.6865E-01	-0.1633E+03
7.	0.4764E-01	-0.1259E+03	0.7049E-01	-0.1360E+03	0.7659E-01	-0.1323E+03
8.	0.4870E-01	0.3046E+02	0.4129E-01	0.1884E+02	0.3348E-01	-0.7166E+01
9.	0.4981E-01	0.4361E+02	0.5475E-01	0.3201E+02	0.6190E-01	0.2942E+02
10.	0.6285E-03	-0.1036E+03	0.1825E-01	0.3095E+02	0.2876E-01	0.4429E+02
11.	0.5382E-01	-0.1186E+03	0.5517E-01	-0.1286E+03	0.3844E-01	-0.1394E+03
12.	0.2205E-01	-0.1028E+03	0.4059E-01	-0.1228E+03	0.3934E-01	-0.1277E+03
13.	0.2873E-01	0.7917E+02	0.1664E-01	0.8804E+02	0.3023E-02	0.1611E+03
14.	0.3191E-01	0.9885E+02	0.3355E-01	0.8182E+02	0.2005E-01	0.6729E+02
15.	0.1097E-01	-0.1490E+03	0.5945E-02	0.1101E+03	0.7338E-02	0.7610E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1145E+02	0.0000E+00	0.1127E+02	0.0000E+00	0.1198E+02	0.0000E+00
1.	0.1142E+01	-0.8246E+02	0.1183E+01	-0.8298E+02	0.8909E+00	-0.8449E+02
2.	0.9499E-01	-0.6994E+02	0.9949E-01	-0.4838E+02	0.6557E-01	-0.5102E+02
3.	0.8753E-01	-0.2979E+02	0.7208E-01	-0.1536E+02	0.4861E-01	-0.1654E+02
4.	0.1133E+00	0.4821E+01	0.9481E-01	0.1401E+02	0.6147E-01	0.1510E+02
5.	0.3086E-01	0.7316E+01	0.2932E-01	0.1195E+02	0.2119E-01	0.3438E+01
6.	0.3368E-01	-0.1591E+03	0.2548E-01	-0.1497E+03	0.1534E-01	-0.1389E+03
7.	0.4478E-01	-0.1392E+03	0.3704E-01	-0.1242E+03	0.2275E-01	-0.1264E+03
8.	0.1525E-01	0.6489E+01	0.1031E-01	0.1509E+02	0.7420E-02	0.2524E+02
9.	0.3612E-01	0.2433E+02	0.2817E-01	0.4248E+02	0.1870E-01	0.4604E+02
10.	0.1922E-01	0.2441E+02	0.1854E-01	0.4140E+02	0.1273E-01	0.2761E+02
11.	0.2039E-01	-0.1302E+03	0.1335E-01	-0.1117E+03	0.8321E-02	-0.1075E+03
12.	0.2282E-01	-0.1386E+03	0.1978E-01	-0.1158E+03	0.1317E-01	-0.1189E+03
13.	0.5645E-02	-0.1763E+03	0.6945E-02	-0.1321E+03	0.5011E-02	-0.1343E+03
14.	0.9098E-02	0.5978E+02	0.5955E-02	0.7952E+02	0.2880E-02	0.9124E+02
15.	0.3426E-02	0.1750E+02	0.3829E-02	0.4041E+02	0.3401E-02	0.3782E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.1237E+02	0.0000E+00	0.1265E+02	0.0000E+00
1.	0.5431E+00	-0.8484E+02	0.3866E+00	-0.8716E+02	0.3146E+00	-0.8641E+02
2.	0.1836E-01	-0.6131E+02	0.5884E-02	-0.1231E+03	0.8228E-02	0.1545E+03
3.	0.2862E-01	-0.1431E+02	0.2377E-01	-0.1418E+02	0.2003E-01	-0.5851E+01
4.	0.3448E-01	0.1512E+02	0.2538E-01	0.1119E+02	0.2118E-01	0.1424E+02
5.	0.1192E-01	-0.3278E+02	0.1114E-01	-0.6834E+02	0.1147E-01	-0.8492E+02
6.	0.1038E-01	-0.1249E+03	0.8328E-02	-0.1274E+03	0.8916E-02	-0.1259E+03
7.	0.1265E-01	-0.1263E+03	0.9017E-02	-0.1354E+03	0.7704E-02	-0.1411E+03
8.	0.5850E-02	0.4213E+02	0.6485E-02	0.3360E+02	0.5924E-02	0.4540E+02
9.	0.1094E-01	0.4280E+02	0.7637E-02	0.3349E+02	0.7526E-02	0.3517E+02
10.	0.8208E-02	0.1345E+02	0.6087E-02	-0.1294E+02	0.4930E-02	-0.1944E+02
11.	0.5892E-02	-0.1024E+03	0.5488E-02	-0.1174E+03	0.5429E-02	-0.1179E+03
12.	0.7147E-02	-0.1198E+03	0.6404E-02	-0.1445E+03	0.5013E-02	-0.1587E+03
13.	0.2198E-02	-0.1483E+03	0.1096E-02	-0.1606E+03	0.1319E-02	0.9470E+02
14.	0.2343E-02	0.7342E+02	0.1600E-02	0.5985E+02	0.2177E-02	0.2231E+02
15.	0.2912E-02	-0.7324E+01	0.2929E-02	-0.3318E+02	0.2945E-02	-0.5525E+02



Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1293E+02	0.0000E+00	0.1279E+02	0.0000E+00	0.1292E+02	0.0000E+00
1.	0.9038E-13	0.1737E+03	0.1373E+00	-0.8919E+02	0.6650E-01	-0.9447E+02
2.	0.8088E-13	-0.1709E+03	0.1901E-01	0.1113E+03	0.1993E-01	0.9763E+02
3.	0.1051E-13	0.1702E+03	0.1600E-01	0.7233E+01	0.1480E-01	0.2239E+02
4.	0.2383E-13	0.1751E+03	0.8178E-02	0.1420E+02	0.4671E-02	0.3095E+02
5.	0.1428E-13	-0.1760E+03	0.1015E-01	-0.1025E+03	0.1170E-01	-0.1122E+03
6.	0.9477E-14	-0.1687E+03	0.6948E-02	-0.1289E+03	0.5955E-02	-0.1353E+03
7.	0.3621E-14	-0.1593E+03	0.3636E-02	0.1753E+03	0.3074E-02	0.1725E+03
8.	0.8172E-15	-0.1865E+02	0.4168E-02	0.4817E+02	0.4226E-02	0.6102E+02
9.	0.2968E-14	-0.3166E+02	0.4879E-02	0.2962E+02	0.4094E-02	0.2263E+02
10.	0.5810E-14	-0.1745E+03	0.4889E-02	-0.5217E+02	0.4031E-02	-0.5422E+02
11.	0.5928E-15	-0.1739E+03	0.3546E-02	-0.1275E+03	0.2809E-02	-0.1178E+03
12.	0.2525E-14	-0.1612E+03	0.4876E-02	-0.1642E+03	0.4454E-02	-0.1721E+03
13.	0.3698E-14	-0.1788E+03	0.1274E-02	0.1435E+03	0.6252E-03	0.1281E+03
14.	0.4963E-14	0.1757E+03	0.2545E-02	0.5520E+02	0.2579E-02	0.3873E+02
15.	0.5215E-14	0.1753E+03	0.2049E-02	-0.3198E+02	0.1465E-02	-0.4500E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1297E+02	0.0000E+00
1.	0.3308E-02	0.5661E+02
2.	0.3058E-02	0.1118E+03
3.	0.2738E-02	0.1652E+03
4.	0.2427E-02	-0.1428E+03
5.	0.2145E-02	-0.9077E+02
6.	0.1849E-02	-0.3727E+02
7.	0.1487E-02	0.1792E+02
8.	0.1055E-02	0.7349E+02
9.	0.6035E-03	0.1256E+03
10.	0.2335E-03	0.1555E+03
11.	0.2093E-03	0.1252E+03
12.	0.3456E-03	0.1533E+03
13.	0.4219E-03	-0.1678E+03
14.	0.4978E-03	-0.1297E+03
15.	0.6103E-03	-0.8708E+02

Table IV-8b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1429E+02	0.0000E+00	0.1205E+02	0.0000E+00	0.1142E+02	0.0000E+00
1.	0.3109E+00	-0.1487E+02	0.1164E+01	-0.7780E+02	0.8859E+00	-0.9167E+02
2.	0.2802E+00	-0.1544E+03	0.2073E+00	-0.1300E+03	0.7649E-01	-0.7483E+02
3.	0.1549E+00	-0.4023E+02	0.1547E+00	-0.4186E+02	0.4839E-01	-0.2082E+02
4.	0.1627E+00	-0.7113E+01	0.1777E+00	0.8414E+00	0.7092E-01	0.1318E+02
5.	0.5418E-01	-0.2188E+02	0.6742E-01	0.3281E+01	0.2088E-01	0.2390E+01
6.	0.6897E-01	-0.1462E+03	0.5988E-01	-0.1493E+03	0.1346E-01	-0.1522E+03
7.	0.5803E-01	-0.1401E+03	0.7253E-01	-0.1383E+03	0.2843E-01	-0.1264E+03
8.	0.3608E-01	0.3332E+02	0.2100E-01	0.2089E+02	0.7367E-02	0.4280E+02
9.	0.5686E-01	0.3873E+02	0.6092E-01	0.3685E+02	0.2140E-01	0.4175E+02
10.	0.1521E-01	0.5165E+02	0.3046E-01	0.4676E+02	0.1758E-01	0.4542E+02
11.	0.5388E-01	-0.1224E+03	0.4298E-01	-0.1206E+03	0.1027E-01	-0.9569E+02
12.	0.3422E-01	-0.1139E+03	0.4389E-01	-0.1175E+03	0.1114E-01	-0.1168E+03
13.	0.1757E-01	0.8030E+02	0.6230E-02	0.1461E+03	0.4872E-02	-0.9637E+02
14.	0.3781E-01	0.8515E+02	0.3215E-01	0.9057E+02	0.1914E-02	0.1118E+03
15.	0.1506E-01	0.1319E+03	0.1615E-01	0.1120E+03	0.3160E-02	0.1207E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1130E+02	0.0000E+00	0.1105E+02	0.0000E+00	0.1259E+02	0.0000E+00
1.	0.8581E+00	-0.9102E+02	0.6664E+00	-0.8978E+02	0.2614E+00	-0.7952E+02
2.	0.6756E-01	-0.3651E+02	0.3318E-01	-0.3349E+02	0.4109E-01	0.8351E+02
3.	0.3273E-01	-0.2903E+01	0.2580E-01	-0.1237E+02	0.1885E-01	-0.3438E+01
4.	0.5123E-01	0.1822E+02	0.3098E-01	0.2132E+02	0.7830E-02	0.4591E+02
5.	0.1359E-01	0.1032E+02	0.1065E-01	0.1432E+02	0.6156E-02	-0.1317E+03
6.	0.8542E-02	-0.1594E+03	0.6561E-02	-0.1478E+03	0.3320E-02	-0.1743E+03
7.	0.2177E-01	-0.1207E+03	0.1290E-01	-0.1324E+03	0.3663E-02	-0.1384E+03
8.	0.3624E-02	0.3587E+01	0.3334E-02	0.2633E+02	0.5219E-02	0.1743E+02
9.	0.1704E-01	0.3869E+02	0.8706E-02	0.4171E+02	0.3651E-02	0.8932E+01
10.	0.1617E-01	0.4985E+02	0.9431E-02	0.2633E+02	0.2880E-02	-0.6440E+01
11.	0.5477E-02	-0.9012E+02	0.3726E-02	-0.9372E+02	0.2053E-02	-0.1710E+03
12.	0.8830E-02	-0.1222E+03	0.6879E-02	-0.1194E+03	0.2800E-02	0.1798E+03
13.	0.6552E-02	-0.9474E+02	0.2663E-02	-0.1168E+03	0.1362E-02	0.4445E+01
14.	0.3754E-02	-0.2642E+02	0.8607E-03	0.2378E+02	0.3570E-02	-0.1530E+02
15.	0.1140E-02	0.7442E+02	0.1819E-02	0.2740E+02	0.3006E-02	-0.4295E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1254E+02	0.0000E+00	0.1262E+02	0.0000E+00	0.1284E+02	0.0000E+00
1.	0.2181E+00	-0.7364E+02	0.1558E+00	-0.7109E+02	0.1272E+00	-0.6520E+02
2.	0.5182E-01	0.8563E+02	0.5041E-01	0.8201E+02	0.5673E-01	0.7791E+02
3.	0.2177E-01	-0.1725E+01	0.2217E-01	-0.7941E+00	0.2666E-01	0.1988E+01
4.	0.4217E-02	0.6680E+02	0.2453E-02	0.1572E+03	0.4132E-02	0.1682E+03
5.	0.8509E-02	-0.1358E+03	0.7932E-02	-0.1469E+03	0.9634E-02	-0.1453E+03
6.	0.2938E-02	-0.1706E+03	0.3340E-02	-0.1614E+03	0.3447E-02	0.1783E+03
7.	0.2727E-02	-0.1647E+03	0.2228E-02	0.1318E+03	0.1499E-02	0.1288E+03
8.	0.5009E-02	0.2064E+02	0.3427E-02	0.1938E+02	0.3703E-02	0.1910E+02
9.	0.3933E-02	0.4898E+01	0.3015E-02	-0.5335E+01	0.2733E-02	-0.1568E+02
10.	0.2778E-02	-0.2925E+02	0.2054E-02	-0.8296E+02	0.2175E-02	-0.5815E+02
11.	0.1794E-02	-0.1605E+03	0.2216E-02	0.1748E+03	0.3206E-02	0.1555E+03
12.	0.3180E-02	0.1487E+03	0.3297E-02	0.1490E+03	0.3195E-02	0.1380E+03
13.	0.1578E-02	0.1770E+02	0.1982E-02	0.2585E+02	0.5220E-03	0.4132E+02
14.	0.3668E-02	-0.1567E+02	0.2410E-02	-0.2460E+02	0.2648E-02	-0.2772E+02
15.	0.2530E-02	-0.4966E+02	0.2479E-02	-0.3613E+02	0.2036E-02	-0.3192E+02

Table IV-8b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1299E+02	0.0000E+00	0.1309E+02	0.0000E+00	0.1307E+02	0.0000E+00
1.	0.1104E+00	-0.5841E+02	0.6738E-01	-0.3751E+02	0.1082E+00	0.7381E+02
2.	0.6017E-01	0.7111E+02	0.6817E-01	0.6928E+02	0.5299E-01	0.6819E+02
3.	0.2883E-01	0.3912E+01	0.3020E-01	0.1621E+02	0.2241E-01	0.5035E+02
4.	0.4189E-02	0.1687E+03	0.6956E-02	0.1682E+03	0.1532E-01	-0.1689E+03
5.	0.1212E-01	-0.1503E+03	0.1590E-01	-0.1509E+03	0.1539E-01	-0.1384E+03
6.	0.3281E-02	-0.1762E+03	0.3631E-02	0.1643E+03	0.6169E-02	-0.1780E+03
7.	0.2284E-02	0.1275E+03	0.3927E-02	0.1278E+03	0.5441E-02	0.9971E+02
8.	0.4038E-02	0.2793E+02	0.3639E-02	0.4897E+02	0.2859E-02	0.1202E+03
9.	0.3395E-02	-0.1241E+02	0.3099E-02	-0.4793E+01	0.4068E-02	-0.3509E+02
10.	0.2766E-02	-0.5113E+02	0.3666E-02	-0.3758E+02	0.3015E-02	-0.3872E+02
11.	0.3140E-02	0.1696E+03	0.3025E-02	0.1737E+03	0.2089E-02	0.1725E+03
12.	0.3228E-02	0.1469E+03	0.3195E-02	0.1565E+03	0.2989E-02	-0.1762E+03
13.	0.2194E-02	0.2452E+02	0.5781E-03	-0.6066E+01	0.1273E-02	-0.1276E+03
14.	0.3459E-02	-0.7555E+01	0.2849E-02	0.1315E+02	0.1948E-02	0.3508E+02
15.	0.2482E-02	-0.4142E+02	0.1473E-02	0.2558E+01	0.9195E-03	0.4929E+02

Table IV-9a. Harmonic pressure data for 102 KTAS, level flight, top surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1107E+02	0.0000E+00	0.1185E+02	0.0000E+00	0.1197E+02	0.0000E+00
1.	0.1238E+01	-0.4058E+02	0.1003E+01	-0.6379E+02	0.7444E+00	-0.7143E+02
2.	0.3925E+00	0.1555E+03	0.1358E+00	0.1439E+03	0.5171E-01	0.1073E+03
3.	0.1350E-01	-0.1318E+03	0.3592E-01	0.1209E+03	0.2535E-01	0.1263E+03
4.	0.3387E+00	0.1325E+03	0.1582E+00	0.1226E+03	0.7236E-01	0.1308E+03
5.	0.1073E+00	0.4268E+02	0.5679E-01	0.2679E+02	0.2799E-01	0.3592E+02
6.	0.1676E+00	0.3198E+02	0.5832E-01	0.2279E+02	0.2786E-01	0.8725E+01
7.	0.9881E-01	-0.7214E+02	0.4459E-01	-0.7551E+02	0.2271E-01	-0.7093E+02
8.	0.3981E-01	0.2376E+02	0.2170E-01	0.3869E+02	0.8033E-02	0.2546E+02
9.	0.5428E-01	-0.1339E+03	0.1242E-01	-0.1163E+03	0.1011E-01	-0.6715E+02
10.	0.5211E-01	0.2315E+02	0.2337E-01	0.1507E+02	0.8807E-02	0.2418E+02
11.	0.7398E-02	0.9908E+02	0.3442E-02	0.1244E+03	0.3116E-02	0.1058E+03
12.	0.8142E-01	-0.1722E+02	0.3707E-01	-0.2570E+02	0.1589E-01	-0.4747E+01
13.	0.1618E-01	-0.9811E+02	0.4206E-02	-0.7245E+02	0.3961E-02	-0.1027E+03
14.	0.1230E-01	-0.9034E+02	0.5768E-02	-0.1137E+03	0.1992E-02	-0.1610E+03
15.	0.7719E-02	0.3634E+02	0.3896E-02	0.1208E+02	0.1600E-02	-0.1805E+01

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1250E+02	0.0000E+00	0.1287E+02	0.0000E+00
1.	0.4175E+00	-0.8152E+02	0.1797E+00	-0.8402E+02
2.	0.3253E-01	0.3908E+02	0.1888E-01	0.6086E+02
3.	0.6994E-02	0.1324E+03	0.4856E-02	0.1103E+03
4.	0.2594E-01	0.1487E+03	0.1064E-01	-0.1748E+03
5.	0.1273E-01	0.6366E+02	0.5339E-02	0.1617E+03
6.	0.1118E-01	-0.2509E+02	0.2539E-02	-0.8712E+02
7.	0.9858E-02	-0.5434E+02	0.7139E-02	-0.1667E+02
8.	0.4752E-02	-0.8501E+02	0.4610E-02	-0.1454E+03
9.	0.6493E-02	-0.9220E+02	0.1954E-02	-0.1454E+01
10.	0.2807E-02	0.1055E+03	0.4165E-02	-0.2855E+02
11.	0.3586E-02	0.3889E+02	0.2154E-02	-0.5730E+02
12.	0.8772E-02	-0.2858E+01	0.1244E-01	-0.5891E+02
13.	0.3695E-02	-0.8940E+02	0.9250E-02	-0.1070E+03
14.	0.1019E-02	0.1545E+03	0.3383E-02	0.1771E+03
15.	0.9376E-03	0.3123E+02	0.5560E-02	0.1091E+03

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1308E+02	0.0000E+00
1.	0.2472E-01	0.9158E+02
2.	0.1573E-01	-0.1741E+03
3.	0.9924E-02	0.1459E+03
4.	0.7502E-02	0.1734E+03
5.	0.3712E-02	0.5233E+02
6.	0.4929E-02	-0.5677E+02
7.	0.4957E-02	-0.7942E+02
8.	0.5390E-02	-0.1747E+03
9.	0.3526E-02	0.1095E+03
10.	0.4389E-02	0.2146E+02
11.	0.3041E-02	-0.8060E+02
12.	0.1094E-01	-0.7198E+02
13.	0.6030E-02	-0.1077E+03
14.	0.2883E-02	-0.1423E+03
15.	0.5168E-02	0.8321E+02

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1000E+02	0.0000E+00	0.1040E+02	0.0000E+00	0.1104E+02	0.0000E+00
1.	0.2226E+00	-0.8925E+01	0.9250E+00	-0.7898E+02	0.9213E+00	-0.8514E+02
2.	0.3933E+00	0.1341E+03	0.1439E+00	0.7833E+02	0.9072E-01	0.3210E+02
3.	0.4549E+00	0.1720E+03	0.3551E+00	0.1791E+03	0.1795E+00	0.1657E+03
4.	0.1364E+00	0.1808E+03	0.9461E-01	0.1804E+03	0.6380E-01	0.1478E+03
5.	0.2682E+00	0.1037E+03	0.1558E+00	0.9598E+02	0.8594E-01	0.7704E+02
6.	0.1288E+00	0.1842E+03	0.7820E-01	0.1865E+03	0.3253E-01	0.1456E+03
7.	0.5318E-01	-0.1459E+03	0.8070E-01	-0.7358E+02	0.2908E-01	-0.9828E+02
8.	0.1170E+00	0.9982E+02	0.5541E-01	0.1191E+03	0.2305E-01	0.1089E+03
9.	0.1137E+00	0.1370E+03	0.8062E-01	0.1442E+03	0.3527E-01	0.1187E+03
10.	0.2118E-01	0.5721E+02	0.1591E-01	-0.2479E+02	0.1327E-01	0.1176E+02
11.	0.3470E-01	0.1874E+02	0.2398E-01	0.2124E+02	0.1416E-01	-0.2092E+02
12.	0.4414E-01	0.1739E+03	0.3531E-01	-0.8296E+02	0.3126E-01	-0.1043E+03
13.	0.2718E-01	-0.1299E+03	0.4049E-01	-0.9598E+02	0.2413E-01	-0.1270E+03
14.	0.3453E-01	0.8804E+02	0.7577E-02	0.7925E+02	0.1228E-02	0.1264E+03
15.	0.4586E-01	0.1122E+03	0.4035E-01	0.1478E+03	0.2092E-01	0.8801E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1149E+02	0.0000E+00	0.1195E+02	0.0000E+00	0.1221E+02	0.0000E+00
1.	0.7980E+00	-0.8627E+02	0.5781E+00	-0.8761E+02	0.4258E+00	-0.8852E+02
2.	0.8900E-01	0.1778E+02	0.5591E-01	0.8599E+01	0.3188E-01	0.2445E+01
3.	0.9754E-01	0.1805E+03	0.6139E-01	0.1552E+03	0.4033E-01	0.1493E+03
4.	0.3585E-01	0.1478E+03	0.2811E-01	0.1483E+03	0.2107E-01	0.1522E+03
5.	0.4824E-01	0.7343E+02	0.3000E-01	0.7058E+02	0.2081E-01	0.7116E+02
6.	0.1442E-01	0.1281E+03	0.5143E-02	0.1034E+03	0.3477E-02	0.5947E+02
7.	0.1461E-01	-0.1082E+03	0.9337E-02	-0.1016E+03	0.4658E-02	-0.1007E+03
8.	0.1043E-01	0.9890E+02	0.6543E-02	0.1326E+03	0.5900E-02	0.1391E+03
9.	0.1499E-01	0.1031E+03	0.1030E-01	0.9840E+02	0.8268E-02	0.9783E+02
10.	0.9319E-02	0.4147E+02	0.1008E-01	0.3283E+02	0.8049E-02	0.4037E+02
11.	0.5957E-02	-0.1416E+02	0.5322E-02	-0.4186E+02	0.1762E-02	-0.7555E+02
12.	0.1892E-01	-0.1029E+03	0.1859E-01	-0.9368E+02	0.1371E-01	-0.8702E+02
13.	0.9184E-02	-0.1192E+03	0.6226E-02	-0.1278E+03	0.5842E-02	-0.1259E+03
14.	0.9775E-03	-0.3247E+02	0.3338E-02	-0.1708E+03	0.3599E-02	0.1627E+03
15.	0.1042E-01	0.7158E+02	0.6337E-02	0.8957E+02	0.6160E-02	0.5849E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1245E+02	0.0000E+00	0.1269E+02	0.0000E+00	0.1277E+02	0.0000E+00
1.	0.2548E+00	-0.8878E+02	0.1915E+00	-0.8737E+02	0.9057E-01	-0.8797E+02
2.	0.1031E-01	0.1878E+02	0.2785E-02	0.1318E+01	0.8744E-02	0.1638E+03
3.	0.2853E-01	0.1498E+03	0.2722E-01	0.1490E+03	0.1421E-01	0.1400E+03
4.	0.1868E-01	0.1551E+03	0.2265E-01	0.1605E+03	0.1233E-01	0.1658E+03
5.	0.1938E-01	0.6909E+02	0.1763E-01	0.7082E+02	0.9053E-02	0.5903E+02
6.	0.2813E-02	0.7217E+03	0.5195E-02	-0.4739E+02	0.3859E-02	-0.4495E+02
7.	0.5787E-02	-0.1183E+03	0.9324E-02	-0.1162E+03	0.2801E-02	-0.1352E+03
8.	0.5363E-02	0.1433E+03	0.7349E-02	0.1588E+03	0.3043E-02	0.1678E+03
9.	0.8841E-02	0.1118E+03	0.7284E-02	0.9037E+02	0.3886E-02	0.8752E+02
10.	0.8128E-02	0.3608E+02	0.8535E-02	0.3047E+02	0.5119E-02	0.4615E+02
11.	0.2174E-02	-0.1085E+02	0.2370E-02	-0.3089E+02	0.2467E-02	-0.6945E+02
12.	0.1437E-01	-0.9699E+02	0.1860E-01	-0.9298E+02	0.1162E-01	-0.9717E+02
13.	0.5032E-02	-0.1108E+03	0.1107E-01	-0.1320E+03	0.4023E-02	-0.1304E+03
14.	0.2317E-02	0.1771E+03	0.3781E-02	-0.1785E+03	0.3459E-02	-0.1551E+03
15.	0.7293E-02	0.7187E+02	0.9613E-02	0.6158E+02	0.4827E-02	0.6298E+02

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9508E+01	0.0000E+00	0.9527E+01	0.0000E+00	0.1051E+02	0.0000E+00
1.	0.1559E+01	0.1044E+03	0.3730E+00	-0.1270E+03	0.8663E+00	-0.9725E+02
2.	0.3848E+00	0.3990E+02	0.2643E+00	0.2507E+02	0.2287E+00	-0.4623E+00
3.	0.5802E+00	0.1737E+03	0.3813E+00	0.1661E+03	0.2177E+00	0.1509E+03
4.	0.3608E+00	0.1602E+03	0.1841E+00	0.1701E+03	0.1340E+00	0.1649E+03
5.	0.2494E+00	0.7646E+02	0.1483E+00	0.6544E+02	0.6692E-01	0.7218E+02
6.	0.2220E+00	0.7448E+02	0.1191E+00	0.8282E+02	0.3127E-01	0.5557E+02
7.	0.3496E-01	-0.8385E+02	0.4155E-01	-0.1126E+03	0.3205E-01	-0.6508E+02
8.	0.7829E-01	-0.1140E+03	0.5364E-01	-0.1152E+03	0.3796E-01	-0.1662E+03
9.	0.6563E-01	0.4890E+02	0.3911E-01	0.5184E+02	0.1861E-01	0.1406E+03
10.	0.1278E+00	0.7743E+02	0.7685E-01	0.7203E+02	0.5270E-01	0.3610E+02
11.	0.1351E-01	0.5510E+02	0.2796E-02	-0.1752E+03	0.2012E-01	-0.1322E+02
12.	0.1036E+00	-0.6077E+02	0.8174E-01	-0.6370E+02	0.6586E-01	-0.6883E+02
13.	0.4996E-01	-0.2964E+02	0.3401E-01	-0.4666E+02	0.3715E-01	-0.1206E+03
14.	0.4100E-01	0.1138E+03	0.3095E-01	0.1339E+03	0.7837E-02	-0.1727E+03
15.	0.3376E-01	-0.1784E+03	0.2574E-01	0.1708E+03	0.2614E-01	0.1198E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.1161E+02	0.0000E+00	0.1194E+02	0.0000E+00
1.	0.8900E+00	-0.9430E+02	0.7480E+00	-0.9292E+02	0.4498E+00	-0.9380E+02
2.	0.2080E+00	-0.4254E+01	0.1499E+00	-0.1729E+02	0.8644E-01	-0.2074E+02
3.	0.1322E+00	0.1374E+03	0.1002E+00	0.1329E+03	0.5352E-01	0.1308E+03
4.	0.9697E-01	0.1672E+03	0.7175E-01	0.1558E+03	0.3851E-01	0.1549E+03
5.	0.4424E-01	0.7569E+02	0.2412E-01	0.9321E+02	0.1629E-01	0.8303E+02
6.	0.3347E-01	0.4003E+02	0.1614E-01	0.5968E+01	0.1324E-01	0.2677E+02
7.	0.2116E-01	-0.8365E+02	0.2053E-01	-0.3829E+02	0.9230E-02	-0.3256E+02
8.	0.2046E-01	-0.1576E+03	0.3053E-01	0.1714E+03	0.1536E-01	0.1759E+03
9.	0.7228E-02	-0.1509E+02	0.2502E-01	0.1476E+03	0.8804E-02	0.1420E+03
10.	0.6686E-01	-0.5234E+02	0.1939E-01	-0.3678E+01	0.9918E-02	0.2014E+02
11.	0.1759E-01	0.5884E+02	0.2534E-01	-0.2331E+02	0.8966E-02	-0.8141E+01
12.	0.4338E-01	-0.6772E+02	0.3651E-01	-0.5390E+02	0.1913E-01	-0.4966E+02
13.	0.2380E-01	-0.1297E+03	0.2844E-01	-0.1384E+03	0.1372E-01	-0.1318E+03
14.	0.6441E-02	0.1546E+03	0.1974E-01	-0.1394E+03	0.9046E-02	-0.1692E+03
15.	0.1002E-01	0.1012E+03	0.1072E-01	0.8092E+02	0.2846E-02	0.1239E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1202E+02	0.0000E+00	0.1227E+02	0.0000E+00	0.1278E+02	0.0000E+00
1.	0.4040E+00	-0.9253E+02	0.1766E+00	-0.9055E+02	0.1230E+00	-0.8319E+02
2.	0.5944E-01	-0.3238E+02	0.2209E-01	-0.3977E+02	0.6938E-02	-0.7928E+02
3.	0.5564E-01	0.1437E+03	0.3070E-01	0.1334E+03	0.2182E-01	0.1443E+03
4.	0.4195E-01	0.1648E+03	0.1990E-01	0.1609E+03	0.1092E-01	0.1665E+03
5.	0.2061E-01	0.7279E+02	0.1253E-01	0.8370E+02	0.8119E-02	0.7148E+02
6.	0.1867E-01	0.1255E+02	0.8086E-02	0.1957E+02	0.5427E-02	0.2592E+02
7.	0.1260E-01	-0.5270E+02	0.6180E-02	-0.9142E+02	0.4467E-02	-0.1061E+03
8.	0.1587E-01	-0.1734E+03	0.8623E-02	0.1764E+03	0.6618E-02	-0.1606E+03
9.	0.1271E-01	0.1466E+03	0.4648E-02	0.1509E+03	0.3909E-02	0.1459E+03
10.	0.1769E-01	0.1478E+02	0.7186E-02	0.2667E+02	0.6628E-02	0.2662E+02
11.	0.1029E-01	0.1279E+02	0.4221E-02	-0.6436E+01	0.3588E-02	0.2880E+01
12.	0.3704E-01	-0.5706E+02	0.1715E-01	-0.5624E+02	0.1124E-01	-0.4629E+02
13.	0.1792E-01	-0.8786E+02	0.8264E-02	-0.9464E+02	0.9577E-02	-0.1108E+03
14.	0.9051E-02	-0.1328E+03	0.5071E-02	-0.1706E+03	0.2960E-02	-0.1001E+03
15.	0.1842E-01	0.1015E+03	0.5129E-02	0.1218E+03	0.4975E-02	0.1105E+03

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9652E+01	0.0000E+00	0.9649E+01	0.0000E+00	0.9779E+01	0.0000E+00
1.	0.7453E+00	0.1398E+03	0.1147E+01	-0.1080E+03	0.1517E+01	-0.1004E+03
2.	0.2384E+00	0.4517E+02	0.5627E+00	-0.2875E+01	0.6030E+00	-0.1245E+02
3.	0.3278E+00	0.1656E+03	0.3486E+00	0.1147E+03	0.3220E+00	0.9615E+02
4.	0.2408E+00	0.1492E+03	0.2642E+00	0.1661E+03	0.2436E+00	0.1578E+03
5.	0.1512E+00	0.1011E+03	0.1970E-01	-0.6332E+02	0.7566E-01	-0.9997E+02
6.	0.1164E+00	0.5107E+02	0.1095E+00	0.3704E+02	0.1390E+00	0.1225E+02
7.	0.7234E-01	0.1697E+01	0.1488E-01	0.7172E+02	0.1068E+00	0.7903E+02
8.	0.5190E-01	-0.1636E+03	0.5490E-01	-0.1353E+03	0.1521E+00	-0.1768E+03
9.	0.2874E-01	-0.1427E+03	0.1104E-01	-0.5515E+02	0.1254E+00	-0.9923E+02
10.	0.5176E-01	0.2665E+02	0.3028E-01	0.3530E+02	0.1461E+00	-0.4557E+01
11.	0.5498E-01	0.2872E+02	0.3819E-01	0.1973E+02	0.1151E+00	0.7088E+02
12.	0.4688E-01	-0.5902E+02	0.1276E-01	-0.3521E+02	0.7498E-01	-0.1762E+03
13.	0.5852E-01	-0.1062E+03	0.6652E-01	-0.1415E+03	0.1025E+00	-0.1071E+03
14.	0.3879E-01	-0.1090E+03	0.5584E-01	-0.8890E+02	0.4882E-01	-0.3093E+02
15.	0.1982E-01	0.4851E+02	0.5489E-01	0.3082E+02	0.4347E-01	0.8369E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1089E+02	0.0000E+00	0.1194E+02	0.0000E+00	0.1219E+02	0.0000E+00
1.	0.8245E+00	-0.9931E+02	0.4492E+00	-0.9543E+02	0.3414E+00	-0.9320E+02
2.	0.1833E+00	-0.2523E+02	0.8171E-01	-0.3539E+02	0.5438E-01	-0.4009E+02
3.	0.5828E-01	0.1287E+03	0.5197E-01	0.1457E+03	0.5441E-01	0.1446E+03
4.	0.4709E-01	0.9792E+02	0.3356E-01	0.1397E+03	0.3930E-01	0.1534E+03
5.	0.6260E-01	0.9129E+02	0.3301E-01	0.9482E+02	0.3196E-01	0.8545E+02
6.	0.1916E-01	0.1372E+03	0.7717E-02	0.4807E+02	0.9088E-02	-0.1954E+02
7.	0.3861E-01	-0.6688E+02	0.2050E-01	-0.4698E+02	0.1483E-01	-0.4944E+02
8.	0.4836E-02	-0.2719E+02	0.1545E-01	0.1795E+03	0.1778E-01	-0.1793E+03
9.	0.2620E-01	0.1087E+03	0.9009E-02	0.1488E+03	0.1008E-01	0.1732E+03
10.	0.4738E-02	0.1617E+03	0.8700E-02	0.6580E+01	0.1265E-01	0.1126E+02
11.	0.2057E-01	-0.7388E+02	0.8903E-02	-0.4750E+01	0.1188E-01	-0.3204E+01
12.	0.4539E-01	-0.3463E+02	0.4377E-01	-0.2690E+02	0.4396E-01	-0.3940E+02
13.	0.4087E-02	-0.7866E+02	0.2078E-01	-0.9367E+02	0.2139E-01	-0.8646E+02
14.	0.3036E-01	0.1770E+03	0.2053E-01	-0.1417E+03	0.2198E-01	-0.1259E+03
15.	0.1132E-01	-0.1455E+03	0.9470E-02	0.1499E+03	0.1605E-01	0.1365E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1220E+02	0.0000E+00	0.1239E+02	0.0000E+00	0.1259E+02	0.0000E+00
1.	0.2273E+00	-0.9355E+02	0.1844E+00	-0.9129E+02	0.1323E+00	-0.8529E+02
2.	0.4126E-01	-0.3422E+02	0.3622E-01	-0.3590E+02	0.2655E-01	-0.4410E+02
3.	0.3385E-01	0.1489E+03	0.3230E-01	0.1558E+03	0.2922E-01	0.1512E+03
4.	0.2322E-01	0.1504E+03	0.1560E-01	0.1402E+03	0.1926E-01	0.1588E+03
5.	0.2235E-01	0.8887E+02	0.1860E-01	0.9251E+02	0.1989E-01	0.8482E+02
6.	0.8138E-02	0.4360E+02	0.8420E-02	0.5998E+02	0.7714E-02	0.4086E+02
7.	0.7561E-02	-0.5869E+02	0.6891E-02	-0.1171E+02	0.6831E-02	-0.4869E+02
8.	0.8884E-02	0.1768E+03	0.1138E-01	0.1776E+03	0.9548E-02	0.1720E+03
9.	0.7560E-02	0.1700E+03	0.5693E-02	0.1688E+03	0.6310E-02	-0.1776E+03
10.	0.6231E-02	-0.3676E+00	0.5416E-02	-0.9531E+01	0.6294E-02	0.8061E+00
11.	0.8135E-02	-0.9141E+01	0.6003E-02	-0.1153E+02	0.7757E-02	0.3446E+01
12.	0.2117E-01	-0.3460E+02	0.1812E-01	-0.2750E+02	0.2109E-01	-0.3637E+02
13.	0.9247E-02	-0.1010E+03	0.8147E-02	-0.8917E+02	0.1089E-01	-0.9213E+02
14.	0.1115E-01	-0.1308E+03	0.1041E-01	-0.1065E+03	0.1016E-01	-0.1376E+03
15.	0.6337E-02	0.1461E+03	0.4238E-02	0.1594E+03	0.4632E-02	0.1617E+03



Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1270E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1344E+02	0.0000E+00
1.	0.1039E+00	-0.8513E+02	0.6753E-01	-0.7261E+02	0.9898E-01	0.7541E+02
2.	0.2541E-01	-0.7330E+02	0.1467E-01	-0.8348E+02	0.3439E-01	-0.1488E+03
3.	0.3334E-01	0.1458E+03	0.1806E-01	0.1471E+03	0.2304E-01	0.1421E+03
4.	0.1273E-01	0.1547E+03	0.7700E-02	0.1593E+03	0.1923E-01	0.1589E+03
5.	0.1585E-01	0.6631E+02	0.1090E-01	0.6231E+02	0.9160E-02	0.1106E+03
6.	0.6328E-02	0.6923E+02	0.6923E-02	0.4386E+02	0.1256E-01	-0.7279E+02
7.	0.8699E-02	-0.2234E+02	0.2447E-02	-0.8436E+02	0.1738E-01	-0.5385E+02
8.	0.8053E-02	0.1591E+03	0.5462E-02	0.1765E+03	0.1129E-01	0.1652E+03
9.	0.8618E-02	-0.1774E+03	0.3289E-02	0.1457E+03	0.1603E-01	0.1127E+03
10.	0.7179E-02	-0.3028E+02	0.5292E-02	-0.2318E+02	0.6370E-02	0.2180E+02
11.	0.8256E-02	-0.2768E+02	0.3880E-02	-0.1014E+02	0.1195E-01	-0.8036E+02
12.	0.1985E-01	-0.3185E+02	0.8636E-02	-0.2195E+02	0.3419E-01	-0.5383E+02
13.	0.1126E-01	-0.6839E+02	0.3892E-02	-0.1051E+03	0.1211E-01	-0.9342E+02
14.	0.1124E-01	-0.1270E+03	0.9231E-02	-0.1276E+03	0.1321E-01	0.1514E+03
15.	0.6197E-02	0.1141E+03	0.4544E-02	0.1771E+03	0.1107E-01	0.1189E+03

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1021E+02	0.0000E+00	0.8673E+01	0.0000E+00	0.9141E+01	0.0000E+00
1.	0.2623E+01	0.1078E+03	0.1017E+01	0.1378E+03	0.1274E+01	-0.1118E+03
2.	0.6750E+00	0.3781E+02	0.2816E+00	0.5298E+02	0.5128E+00	-0.8742E+01
3.	0.2818E+00	0.1709E+03	0.3094E+00	0.1682E+03	0.1920E+00	0.1358E+03
4.	0.4003E+00	0.1509E+03	0.2654E+00	0.1408E+03	0.5812E-01	0.1478E+03
5.	0.2680E+00	0.1186E+03	0.1891E+00	0.1081E+03	0.1743E+00	0.7690E+02
6.	0.2070E+00	0.5321E+02	0.1352E+00	0.4667E+02	0.8097E-01	0.9724E+02
7.	0.1868E+00	0.1142E+02	0.1182E+00	0.7931E+01	0.5403E-01	-0.3702E+02
8.	0.2207E-01	-0.7675E+02	0.4568E-02	-0.8802E+02	0.4964E-01	0.9790E+02
9.	0.7954E-01	-0.1537E+03	0.3863E-01	-0.1376E+03	0.6911E-01	-0.1651E+03
10.	0.1874E-01	0.5825E+02	0.1820E-01	0.5684E+00	0.6348E-01	-0.6790E+02
11.	0.1040E+00	0.2019E+02	0.5609E-01	0.1379E+02	0.5130E-01	0.5081E+01
12.	0.7864E-01	-0.2859E+01	0.4535E-01	-0.1371E+02	0.2995E-01	-0.3578E+02
13.	0.5143E-01	-0.8918E+02	0.3939E-01	-0.9068E+02	0.3504E-01	-0.7899E+02
14.	0.6692E-01	-0.1226E+03	0.3877E-01	-0.1092E+03	0.1109E-01	0.1478E+03
15.	0.1804E-01	-0.1118E+03	0.9144E-02	-0.9200E+02	0.1785E-01	-0.1759E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1014E+02	0.0000E+00	0.1111E+02	0.0000E+00	0.1105E+02	0.0000E+00
1.	0.1390E+01	-0.1036E+03	0.9661E+00	-0.1014E+03	0.7275E+00	-0.9974E+02
2.	0.7585E+00	-0.1701E+02	0.3775E+00	-0.1858E+02	0.1486E+00	-0.3304E+02
3.	0.4802E+00	0.7642E+02	0.1868E+00	0.8409E+02	0.5700E-01	-0.1531E+03
4.	0.3928E+00	0.1458E+03	0.2193E+00	0.1402E+03	0.5184E-01	0.5212E+02
5.	0.1837E+00	-0.1436E+03	0.1385E+00	-0.1482E+03	0.1084E+00	0.8785E+02
6.	0.1450E+00	-0.1855E+02	0.1788E+00	-0.3981E+02	0.3623E-01	0.1479E+03
7.	0.6182E-01	0.4992E+02	0.1911E+00	0.3071E+02	0.5726E-01	-0.7139E+02
8.	0.4141E-01	-0.1547E+03	0.1879E+00	0.1256E+03	0.2155E-01	0.7495E+01
9.	0.6448E-01	-0.2519E+02	0.1822E+00	-0.1540E+03	0.3494E-01	0.1085E+03
10.	0.7112E-01	0.8162E+02	0.1687E+00	-0.6124E+02	0.1450E-01	0.1803E+03
11.	0.5000E-01	0.1683E+03	0.1558E+00	0.1633E+02	0.2563E-01	-0.9234E+02
12.	0.6599E-01	-0.6918E+02	0.1040E+00	0.9172E+02	0.5132E-01	-0.3062E+02
13.	0.1147E-01	-0.4275E+02	0.1170E+00	-0.1621E+03	0.1340E-01	-0.6253E+02
14.	0.4385E-01	-0.1864E+03	0.1015E+00	-0.9438E+02	0.1582E-01	-0.1786E+03
15.	0.4220E-01	-0.7930E+02	0.6810E-01	-0.4645E+01	0.1788E-01	-0.1710E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1167E+02	0.0000E+00	0.1173E+02	0.0000E+00	0.1252E+02	0.0000E+00
1.	0.3988E+00	-0.9515E+02	0.2608E+00	-0.9221E+02	0.1804E+00	-0.8951E+02
2.	0.8024E-01	-0.3751E+02	0.5624E-01	-0.4488E+02	0.4384E-01	-0.3856E+02
3.	0.4760E-01	-0.1725E+03	0.4464E-01	-0.1713E+03	0.2881E-01	-0.1700E+03
4.	0.2829E-01	0.9983E+02	0.2486E-01	0.1088E+03	0.1527E-01	0.1001E+03
5.	0.5462E-01	0.8122E+02	0.4486E-01	0.8323E+02	0.3308E-01	0.7942E+02
6.	0.1024E-01	0.4534E+02	0.1335E-01	0.6822E+01	0.1019E-01	0.4183E+02
7.	0.2664E-01	-0.6072E+02	0.2564E-01	-0.5817E+02	0.1361E-01	-0.4533E+02
8.	0.9218E-02	0.9624E+02	0.1498E-01	0.1058E+03	0.8474E-02	0.1028E+03
9.	0.1830E-01	0.1247E+03	0.1173E-01	0.1230E+03	0.8820E-02	0.1317E+03
10.	0.6868E-02	0.3948E+02	0.5715E-02	0.9295E+01	0.2634E-02	0.4798E+02
11.	0.7080E-02	-0.8645E+02	0.3570E-02	-0.1123E+03	0.2632E-02	-0.1138E+03
12.	0.3476E-01	-0.3985E+02	0.3204E-01	-0.3928E+02	0.1691E-01	-0.4188E+02
13.	0.1980E-01	-0.8216E+02	0.1985E-01	-0.8763E+02	0.1195E-01	-0.8427E+02
14.	0.4371E-02	-0.1163E+03	0.8448E-03	0.1081E+03	0.2387E-03	-0.4250E+02
15.	0.1172E-01	0.1488E+03	0.8333E-02	0.1522E+03	0.5001E-02	0.1541E+03

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1276E+02	0.0000E+00	0.1323E+02	0.0000E+00	0.1248E+02	0.0000E+00
1.	0.8846E-01	-0.7872E+02	0.7484E-01	-0.6817E+02	0.7225E-01	-0.6858E+02
2.	0.2938E-01	-0.5272E+02	0.2597E-01	-0.5039E+02	0.1997E-01	-0.5308E+02
3.	0.2495E-01	-0.1588E+03	0.2694E-01	-0.1744E+03	0.2407E-01	0.1554E+03
4.	0.1259E-01	0.1020E+03	0.1252E-01	0.9953E+02	0.1109E-01	0.1413E+03
5.	0.2645E-01	0.7703E+02	0.2377E-01	0.7815E+02	0.1842E-01	0.7334E+02
6.	0.7432E-02	0.1120E+02	0.9409E-02	0.2116E+02	0.8189E-02	0.4174E+02
7.	0.1299E-01	-0.3985E+02	0.1038E-01	-0.5710E+02	0.9317E-02	-0.4755E+02
8.	0.1087E-01	0.9490E+02	0.9393E-02	0.8858E+02	0.9983E-02	0.1660E+03
9.	0.8643E-02	0.1343E+03	0.7404E-02	0.1226E+03	0.7809E-02	0.1426E+03
10.	0.4213E-02	0.5832E+02	0.3992E-02	-0.7027E+01	0.6155E-02	0.2558E+02
11.	0.3204E-02	-0.1338E+03	0.3284E-02	-0.1268E+03	0.4936E-02	-0.4815E+02
12.	0.1330E-01	-0.4223E+02	0.1436E-01	-0.3223E+02	0.1762E-01	-0.6068E+02
13.	0.1138E-01	-0.8384E+02	0.1007E-01	-0.9015E+02	0.1033E-01	-0.1083E+03
14.	0.2439E-02	-0.3830E+02	0.2618E-02	0.7347E+01	0.4874E-02	-0.1599E+03
15.	0.5985E-02	0.1371E+03	0.4848E-02	0.1492E+03	0.4992E-02	0.1147E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1305E+02	0.0000E+00
1.	0.4592E-01	0.2575E+02
2.	0.9933E-02	-0.8484E+02
3.	0.1837E-01	0.1529E+03
4.	0.5836E-02	0.1495E+03
5.	0.1239E-01	0.7071E+02
6.	0.7258E-02	0.4735E+02
7.	0.6375E-02	-0.4771E+02
8.	0.7060E-02	0.1672E+03
9.	0.5666E-02	0.1302E+03
10.	0.2387E-02	0.5894E+01
11.	0.3393E-02	-0.5981E+02
12.	0.1311E-01	-0.5721E+02
13.	0.8167E-02	-0.1140E+03
14.	0.4643E-02	-0.1662E+03
15.	0.3095E-02	0.1071E+03

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1102E+02	0.0000E+00	0.7853E+01	0.0000E+00	0.9521E+01	0.0000E+00
1.	0.3120E+01	0.1084E+03	0.1488E+01	0.1738E+03	0.1108E+01	-0.1214E+03
2.	0.6874E+00	0.3990E+02	0.3418E+00	0.2724E+02	0.3439E+00	-0.1840E+02
3.	0.1873E+00	0.1749E+03	0.4045E+00	0.1590E+03	0.1278E+00	0.1630E+03
4.	0.3848E+00	0.1579E+03	0.3808E+00	0.1571E+03	0.6177E-01	0.1451E+03
5.	0.2671E+00	0.1343E+03	0.2571E+00	0.1164E+03	0.1129E+00	0.8289E+02
6.	0.1659E+00	0.6447E+02	0.1945E+00	0.5852E+02	0.7458E-01	0.6067E+02
7.	0.1964E+00	0.1803E+02	0.1875E+00	0.8512E+00	0.5619E-01	0.4903E+01
8.	0.3265E-01	-0.2008E+02	0.6351E-01	-0.6741E+02	0.3366E-01	0.1159E+03
9.	0.7728E-01	-0.1420E+03	0.1024E+00	-0.1282E+03	0.4717E-01	-0.1775E+03
10.	0.3142E-01	-0.1549E+03	0.3061E-01	-0.1237E+03	0.1670E-01	-0.1012E+03
11.	0.5687E-01	0.3619E+02	0.3651E-01	0.4889E+02	0.1422E-01	-0.2804E+02
12.	0.1029E+00	0.1194E+02	0.6514E-01	-0.1002E+02	0.4624E-01	-0.3525E+02
13.	0.4444E-01	-0.2747E+02	0.4703E-01	-0.7357E+02	0.4632E-01	-0.7515E+02
14.	0.5542E-01	-0.1128E+03	0.4254E-01	-0.1351E+03	0.1592E-01	-0.6682E+02
15.	0.4904E-01	-0.1312E+03	0.3583E-01	0.1773E+03	0.1328E-01	0.1538E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1023E+02	0.0000E+00	0.1122E+02	0.0000E+00	0.1214E+02	0.0000E+00
1.	0.1797E+01	-0.1028E+03	0.6625E+00	-0.9408E+02	0.4540E+00	-0.8558E+02
2.	0.8087E+00	-0.2139E+02	0.7626E-01	-0.4505E+02	0.7424E-01	-0.4498E+02
3.	0.3533E+00	0.7380E+02	0.1075E+00	-0.1449E+03	0.7546E-01	-0.1615E+03
4.	0.2268E+00	0.1421E+03	0.2710E-01	0.1732E+02	0.2108E-01	0.9533E+02
5.	0.3021E-01	0.1055E+03	0.8978E-01	0.7873E+02	0.5952E-01	0.8592E+02
6.	0.8863E-01	0.7384E+02	0.1478E-01	0.3951E+02	0.1423E-01	0.6411E+00
7.	0.7480E-01	-0.1495E+03	0.4975E-01	-0.5414E+02	0.4595E-01	-0.6887E+02
8.	0.7289E-01	-0.8274E+02	0.3757E-01	0.8594E+02	0.2456E-01	0.8472E+02
9.	0.4269E-01	0.2615E+02	0.3106E-01	0.1501E+03	0.1670E-01	0.1182E+03
10.	0.1702E-01	0.1488E+03	0.2210E-01	-0.5801E+02	0.2068E-01	0.6147E+01
11.	0.5006E-01	-0.6045E+02	0.2117E-01	-0.4055E+02	0.6641E-02	-0.1463E+03
12.	0.8289E-01	0.6105E+01	0.5123E-01	-0.1845E+02	0.4919E-01	-0.4397E+02
13.	0.2664E-01	0.1789E+03	0.2469E-01	-0.1004E+03	0.3872E-01	-0.7956E+02
14.	0.3594E-01	-0.1086E+03	0.1110E-01	-0.1275E+03	0.6903E-02	-0.7468E+00
15.	0.2460E-01	0.6640E+02	0.1570E-01	0.1460E+03	0.2880E-01	0.1313E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1230E+02	0.0000E+00	0.1250E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.3098E+00	-0.7299E+02	0.1844E+00	-0.6423E+02	0.1434E+00	-0.5463E+02
2.	0.5081E-01	-0.6887E+02	0.2415E-01	-0.4069E+02	0.2519E-01	-0.3283E+02
3.	0.6925E-01	-0.1492E+03	0.3187E-01	0.1697E+03	0.2947E-01	0.1898E+03
4.	0.2307E-01	0.8218E+02	0.1226E-01	0.1546E+03	0.1080E-01	0.1557E+03
5.	0.4904E-01	0.8934E+02	0.2510E-01	0.7952E+02	0.2277E-01	0.7938E+02
6.	0.2145E-01	-0.2483E+02	0.1033E-01	0.4897E+01	0.1023E-01	0.2042E+02
7.	0.4442E-01	-0.6562E+02	0.1423E-01	-0.5425E+02	0.1138E-01	-0.5192E+02
8.	0.3468E-01	0.7920E+02	0.7697E-02	0.1192E+03	0.7211E-02	0.1061E+03
9.	0.1514E-01	0.1177E+03	0.7285E-02	0.1329E+03	0.6687E-02	0.1214E+03
10.	0.2054E-01	-0.6070E+01	0.5369E-02	0.9483E+01	0.4267E-02	0.1775E+01
11.	0.9610E-02	-0.1597E+03	0.5155E-02	-0.5131E+02	0.4511E-02	-0.6144E+02
12.	0.4181E-01	-0.3864E+02	0.2125E-01	-0.5883E+02	0.1756E-01	-0.6030E+02
13.	0.3408E-01	-0.8139E+02	0.1440E-01	-0.9907E+02	0.1346E-01	-0.9733E+02
14.	0.1192E-01	0.1990E+02	0.3915E-02	-0.1355E+03	0.2808E-02	-0.1253E+03
15.	0.2773E-01	0.1329E+03	0.1021E-01	0.1164E+03	0.9551E-02	0.1141E+03

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1278E+02	0.0000E+00	0.1330E+02	0.0000E+00
1.	0.1092E+00	-0.1702E+02	0.1258E+00	0.5753E+02
2.	0.1518E-01	-0.2000E+02	0.4620E-02	0.1616E+03
3.	0.2424E-01	0.1577E+03	0.1499E-01	0.1733E+03
4.	0.1531E-01	0.1713E+03	0.1284E-01	-0.1721E+03
5.	0.1429E-01	0.7368E+02	0.7091E-02	0.9254E+02
6.	0.7542E-02	0.1409E+02	0.3292E-02	-0.4641E+02
7.	0.1007E-01	-0.4507E+02	0.5703E-02	-0.6021E+02
8.	0.1102E-01	0.1738E+03	0.7820E-02	0.1660E+03
9.	0.7883E-02	0.1347E+03	0.5322E-02	0.1381E+03
10.	0.5817E-02	0.2551E+02	0.5045E-02	0.1901E+01
11.	0.5585E-02	-0.6415E+02	0.4681E-02	-0.7914E+02
12.	0.2193E-01	-0.6306E+02	0.1661E-01	-0.6575E+02
13.	0.1321E-01	-0.1083E+03	0.8698E-02	-0.1125E+03
14.	0.4886E-02	-0.1557E+03	0.3455E-02	-0.1653E+03
15.	0.6758E-02	0.1043E+03	0.6385E-02	0.9652E+02

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1075E+02	0.0000E+00	0.8848E+01	0.0000E+00	0.8881E+01	0.0000E+00
1.	0.2519E+01	0.1116E+03	0.1109E+01	0.1498E+03	0.1340E+01	-0.1207E+03
2.	0.4619E+00	0.4778E+02	0.2370E+00	0.5392E+02	0.2811E+00	-0.1955E+02
3.	0.1937E+00	0.1506E+03	0.2751E+00	0.1493E+03	0.1576E+00	0.1696E+03
4.	0.3221E+00	0.1475E+03	0.2760E+00	0.1358E+03	0.5718E-01	0.1798E+03
5.	0.2277E+00	0.1317E+03	0.1944E+00	0.1155E+03	0.9485E-01	0.8417E+02
6.	0.1308E+00	0.5953E+02	0.1088E+00	0.4543E+02	0.2437E-01	0.2523E+02
7.	0.1684E+00	0.1410E+02	0.1425E+00	0.4886E+01	0.6877E-01	-0.2702E+02
8.	0.3285E-01	-0.1031E+02	0.2665E-01	-0.2089E+02	0.1797E-01	-0.4019E+02
9.	0.4782E-01	-0.1436E+03	0.3098E-01	-0.1548E+03	0.1908E-01	-0.1104E+03
10.	0.3859E-01	-0.1462E+03	0.9357E-02	-0.1113E+03	0.1721E-01	0.5565E+01
11.	0.4518E-01	0.1453E+02	0.4932E-01	-0.2325E+02	0.3375E-01	-0.3422E+01
12.	0.8877E-01	-0.3882E+01	0.8320E-01	-0.3477E+02	0.5333E-01	-0.4028E+02
13.	0.3278E-01	-0.8804E+01	0.3252E-01	-0.4871E+02	0.1531E-01	-0.3581E+02
14.	0.3577E-01	-0.1364E+03	0.3096E-01	-0.1493E+03	0.1030E-01	0.1340E+03
15.	0.5137E-01	-0.1319E+03	0.4186E-01	-0.1599E+03	0.2113E-01	0.1510E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1025E+02	0.0000E+00	0.1117E+02	0.0000E+00	0.1217E+02	0.0000E+00
1.	0.1504E+01	-0.1085E+03	0.6586E+00	-0.9625E+02	0.3507E+00	-0.8798E+02
2.	0.8217E+00	-0.2996E+02	0.9284E-01	-0.1244E+02	0.4585E-01	-0.1253E+02
3.	0.5124E+00	0.5026E+02	0.5827E-01	-0.1795E+03	0.4017E-01	0.1660E+03
4.	0.4345E+00	0.1170E+03	0.8430E-02	-0.1775E+03	0.2203E-01	0.1424E+03
5.	0.2506E+00	0.1792E+03	0.5837E-01	0.6260E+02	0.3707E-01	0.7554E+02
6.	0.1110E+00	-0.8726E+02	0.1633E-01	0.6987E+02	0.2989E-02	0.1779E+02
7.	0.6158E-01	-0.1163E+02	0.6429E-02	-0.3890E+02	0.1028E-01	-0.2536E+02
8.	0.7450E-01	-0.1357E+03	0.1015E-01	-0.1145E+03	0.8755E-02	-0.1086E+03
9.	0.1004E+00	-0.6281E+02	0.9875E-02	-0.1627E+03	0.8369E-02	0.1497E+03
10.	0.1331E+00	0.1372E+02	0.1290E-01	0.6198E+02	0.1096E-01	0.5423E+02
11.	0.9570E-01	0.8357E+02	0.7828E-02	-0.5867E+02	0.8717E-02	-0.7453E+02
12.	0.3880E-01	-0.1732E+03	0.3456E-01	-0.7052E+02	0.3284E-01	-0.6795E+02
13.	0.3949E-01	-0.1193E+03	0.1660E-01	-0.5144E+02	0.1686E-01	-0.5651E+02
14.	0.3357E-01	0.1657E+03	0.5490E-02	-0.5956E+02	0.8547E-02	-0.9247E+02
15.	0.5268E-01	-0.1477E+03	0.1474E-01	0.1393E+03	0.1192E-01	0.1373E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1228E+02	0.0000E+00	0.1288E+02	0.0000E+00	0.1245E+02	0.0000E+00
1.	0.1312E+00	-0.4193E+02	0.1277E+00	-0.2480E+02	0.1386E+00	-0.1086E+02
2.	0.2434E-01	-0.2282E+01	0.2132E-01	-0.3799E+01	0.1931E-01	-0.2439E+01
3.	0.2744E-01	0.1577E+03	0.2778E-01	0.1667E+03	0.2726E-01	0.1697E+03
4.	0.1252E-01	0.1395E+03	0.1070E-01	0.1571E+03	0.1064E-01	0.1631E+03
5.	0.2019E-01	0.7755E+02	0.1584E-01	0.8655E+02	0.1571E-01	0.8250E+02
6.	0.5763E-02	0.4107E+02	0.6498E-02	0.7228E+02	0.6254E-02	0.4784E+02
7.	0.6642E-02	-0.5143E+02	0.7717E-02	-0.2570E+02	0.8620E-02	-0.2755E+02
8.	0.3509E-02	0.1611E+03	0.4512E-02	-0.1658E+03	0.4566E-02	-0.1752E+03
9.	0.4827E-02	0.1436E+03	0.4750E-02	0.1510E+03	0.4001E-02	0.1408E+03
10.	0.2183E-02	0.6633E+02	0.1367E-02	0.7488E+02	0.2128E-02	0.3926E+02
11.	0.3974E-02	-0.7216E+02	0.2402E-02	-0.4921E+02	0.3356E-02	-0.7724E+02
12.	0.1399E-01	-0.8920E+02	0.1367E-01	-0.5855E+02	0.1318E-01	-0.6812E+02
13.	0.5444E-02	-0.1075E+03	0.5589E-02	-0.8636E+02	0.4693E-02	-0.9764E+02
14.	0.4597E-03	0.1695E+03	0.2738E-02	-0.1280E+03	0.2227E-02	-0.1125E+03
15.	0.3244E-02	0.9321E+02	0.2367E-02	0.1158E+03	0.2272E-02	0.9814E+02

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.70	PHASE	FRACTN OF CHORD 0.92	PHASE
	AMPLITUDE		AMPLITUDE	
0.	0.1268E+02	0.0000E+00	0.1277E+02	0.0000E+00
1.	0.1302E+00	0.1597E+02	0.1981E+00	0.5881E+02
2.	0.2107E-01	0.1024E+02	0.2054E-01	0.5385E+02
3.	0.2091E-01	0.1774E+03	0.1301E-01	-0.1581E+03
4.	0.1150E-01	0.1766E+03	0.1591E-01	-0.1704E+03
5.	0.1303E-01	0.9351E+02	0.8108E-02	0.1264E+03
6.	0.5893E-02	0.6332E+02	0.1742E-02	0.8023E+02
7.	0.8339E-02	-0.3028E+02	0.5872E-02	-0.5964E+01
8.	0.3211E-02	0.1790E+03	0.2429E-02	0.1661E+03
9.	0.2975E-02	0.1399E+03	0.1832E-02	0.1277E+03
10.	0.5567E-03	0.2374E+02	0.2028E-02	-0.5320E+02
11.	0.2129E-02	-0.8305E+02	0.2612E-02	-0.1125E+03
12.	0.1118E-01	-0.8543E+02	0.1004E-01	-0.6946E+02
13.	0.4451E-02	-0.9293E+02	0.2778E-02	-0.1088E+03
14.	0.1767E-02	-0.1244E+03	0.1153E-02	-0.1357E+03
15.	0.2215E-02	0.9794E+02	0.2745E-02	0.7178E+02

Table IV-9a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1207E+02	0.0000E+00	0.9888E+01	0.0000E+00	0.9758E+01	0.0000E+00
1.	0.2089E+01	0.1157E+03	0.1003E+01	0.1663E+03	0.1613E+01	-0.1187E+03
2.	0.3152E+00	0.5197E+02	0.1092E+00	0.5910E+02	0.6019E+00	-0.4052E+02
3.	0.1598E+00	0.1415E+03	0.2078E+00	0.1550E+03	0.1124E+00	0.3795E+02
4.	0.2605E+00	0.1442E+03	0.2115E+00	0.1403E+03	0.1049E+00	0.8657E+02
5.	0.1836E+00	0.1299E+03	0.1521E+00	0.1229E+03	0.1253E+00	0.8958E+02
6.	0.7836E-01	0.4708E+02	0.5893E-01	0.3446E+02	0.2598E-01	0.4293E+02
7.	0.1253E+00	0.4532E+01	0.9282E-01	-0.6105E+01	0.7154E-01	-0.2293E+02
8.	0.4997E-01	0.2214E+02	0.3559E-01	0.3840E+02	0.9000E-01	0.8152E+02
9.	0.3472E-01	-0.1654E+03	0.2349E-01	-0.1721E+03	0.9176E-01	0.1609E+03
10.	0.3315E-01	-0.1617E+03	0.1593E-01	-0.1429E+03	0.7076E-01	-0.1242E+03
11.	0.2316E-01	-0.1501E+02	0.2217E-01	-0.1888E+02	0.4114E-01	-0.5806E+02
12.	0.7525E-01	-0.1806E+02	0.6674E-01	-0.2609E+02	0.5935E-01	-0.3862E+02
13.	0.4060E-01	-0.2660E+02	0.2872E-01	-0.4556E+02	0.3836E-01	-0.6966E+02
14.	0.1395E-01	-0.1474E+03	0.1047E-01	0.1767E+03	0.1681E-01	0.1886E+02
15.	0.4834E-01	-0.1720E+03	0.3711E-01	0.1776E+03	0.2201E-01	0.1421E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1069E+02	0.0000E+00	0.1147E+02	0.0000E+00	0.1152E+02	0.0000E+00
1.	0.7088E+00	-0.1119E+03	0.6370E+00	-0.1020E+03	0.5431E+00	-0.9542E+02
2.	0.2271E+00	-0.3261E+02	0.1701E+00	-0.3239E+02	0.1282E+00	-0.3218E+02
3.	0.8587E-01	0.1030E+03	0.5930E-01	0.1299E+03	0.4947E-01	0.1451E+03
4.	0.8523E-01	0.1355E+03	0.3854E-01	0.1358E+03	0.2468E-01	0.1287E+03
5.	0.3988E-01	0.1395E+03	0.3699E-01	0.9229E+02	0.4071E-01	0.9090E+02
6.	0.4038E-01	-0.4493E+02	0.2584E-01	-0.9121E+01	0.1600E-01	0.2484E+01
7.	0.5140E-01	-0.2703E+02	0.3322E-01	-0.3560E+02	0.2679E-01	-0.4823E+02
8.	0.2536E-01	0.6944E+02	0.1946E-01	0.8454E+02	0.1543E-01	0.8018E+02
9.	0.1886E-01	0.1223E+03	0.1170E-01	0.1367E+03	0.8454E-02	0.1220E+03
10.	0.2249E-02	-0.1077E+03	0.1307E-01	-0.4964E+02	0.1060E-01	-0.4782E+02
11.	0.1279E-01	-0.1096E+03	0.5529E-02	-0.6066E+02	0.5429E-02	-0.7481E+02
12.	0.3998E-01	-0.6773E+02	0.2973E-01	-0.6645E+02	0.2539E-01	-0.6554E+02
13.	0.2744E-01	-0.8131E+02	0.2951E-01	-0.1063E+03	0.2667E-01	-0.1014E+03
14.	0.5006E-02	0.8616E+02	0.2680E-02	-0.7012E+02	0.2673E-02	-0.5152E+02
15.	0.2413E-01	0.1125E+03	0.1788E-01	0.9574E+02	0.1599E-01	0.9699E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1207E+02	0.0000E+00	0.1242E+02	0.0000E+00	0.1249E+02	0.0000E+00
1.	0.3436E+00	-0.6107E+02	0.2356E+00	-0.3774E+02	0.2121E+00	-0.4053E+01
2.	0.5748E-01	-0.2805E+02	0.4588E-01	-0.2748E+02	0.5388E-01	-0.2494E+02
3.	0.5501E-01	0.1737E+03	0.6826E-01	0.1779E+03	0.6001E-01	0.1614E+03
4.	0.3179E-01	0.1226E+03	0.3499E-01	0.1101E+03	0.2747E-01	0.1107E+03
5.	0.3798E-01	0.8295E+02	0.3542E-01	0.9694E+02	0.1838E-01	0.1040E+03
6.	0.1768E-01	-0.7029E+01	0.1510E-01	-0.7209E+01	0.8129E-02	0.7295E+02
7.	0.2572E-01	-0.6357E+02	0.2753E-01	-0.5684E+02	0.1192E-01	-0.2917E+02
8.	0.1389E-01	0.8794E+02	0.1777E-01	0.8409E+02	0.6667E-02	-0.1736E+03
9.	0.5173E-02	0.1343E+03	0.9226E-02	0.1092E+03	0.5614E-02	0.1571E+03
10.	0.8759E-02	0.3660E+01	0.1176E-01	-0.2026E+02	0.5105E-02	0.4157E+02
11.	0.2409E-02	0.1228E+03	0.6720E-02	0.1182E+03	0.4715E-02	-0.3412E+02
12.	0.2485E-01	-0.4798E+02	0.3308E-01	-0.4225E+02	0.1766E-01	-0.7031E+02
13.	0.1977E-01	-0.9234E+02	0.2342E-01	-0.9669E+02	0.6927E-02	-0.1125E+03
14.	0.3924E-02	-0.9648E+02	0.3215E-02	-0.3436E+02	0.2433E-02	-0.1714E+03
15.	0.4886E-02	0.1221E+03	0.7416E-02	0.1232E+03	0.2863E-02	0.9610E+02



Table IV-9a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1243E+02	0.0000E+00	0.1253E+02	0.0000E+00	0.1223E+02	0.0000E+00
1.	0.2719E+00	0.1848E+02	0.4051E+00	0.3982E+02	0.1013E+01	0.3446E+02
2.	0.8778E-01	-0.3208E+02	0.1936E+00	-0.4249E+02	0.3091E+00	-0.1070E+03
3.	0.8243E-01	0.1764E+03	0.1417E+00	-0.1792E+03	0.5310E-01	0.1117E+03
4.	0.3681E-01	0.1025E+03	0.5178E-01	0.7848E+02	0.5483E-01	-0.1747E+03
5.	0.8548E-02	0.5954E+02	0.1466E-01	-0.6549E+02	0.3730E-01	0.9407E+02
6.	0.8150E-02	0.1527E+03	0.1839E-01	0.1870E+03	0.2265E-01	-0.5735E+01
7.	0.1139E-01	-0.4594E+01	0.2225E-01	0.3151E+02	0.1701E-01	-0.6348E+02
8.	0.3742E-02	-0.1297E+03	0.1320E-01	-0.8409E+02	0.1865E-01	0.1480E+03
9.	0.8896E-02	0.1515E+03	0.1525E-01	0.1779E+03	0.1204E-01	0.7128E+02
10.	0.3444E-02	0.7150E+02	0.9856E-02	0.5833E+02	0.1024E-01	-0.3822E+02
11.	0.5756E-02	-0.5451E+02	0.1276E-01	-0.4006E+02	0.1340E-01	-0.8468E+02
12.	0.1892E-01	-0.7320E+02	0.1386E-01	-0.7863E+02	0.2557E-02	-0.9284E+02
13.	0.7142E-02	-0.1085E+03	0.1167E-02	0.7079E+02	0.6344E-02	0.2941E+02
14.	0.2877E-02	-0.1052E+03	0.5233E-02	-0.4678E+02	0.3506E-02	-0.1071E+03
15.	0.3718E-02	0.1292E+03	0.4273E-02	0.1734E+03	0.6923E-02	-0.1712E+03

Table IV-9b. Harmonic pressure data for 102 KTAS, level flight, bottom surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1349E+02	0.0000E+00	0.1331E+02	0.0000E+00	0.1304E+02	0.0000E+00
1.	0.8628E+00	0.8164E+02	0.2947E+00	0.1047E+03	0.9218E-01	0.1692E+03
2.	0.1070E+00	-0.1084E+03	0.1510E+00	-0.4786E+02	0.1319E+00	-0.3388E+02
3.	0.3796E-01	-0.1072E+03	0.1603E-01	-0.7604E+02	0.4476E-02	0.2401E+02
4.	0.1882E-01	0.1786E+03	0.4690E-01	-0.7280E+02	0.4439E-01	-0.6255E+02
5.	0.1841E-01	0.8379E+02	0.1256E-01	0.1090E+03	0.6215E-02	0.1163E+03
6.	0.1892E-01	-0.1809E+02	0.1736E-01	-0.1387E+03	0.1850E-01	-0.1571E+03
7.	0.1123E-01	-0.8291E+02	0.1622E-02	0.1289E+03	0.7677E-02	0.1505E+03
8.	0.2054E-01	-0.9644E+02	0.9297E-02	-0.1658E+03	0.8358E-02	0.1529E+03
9.	0.6083E-02	0.1391E+03	0.3086E-02	0.9187E+02	0.4901E-02	0.9799E+02
10.	0.1192E-01	-0.1524E+03	0.9555E-02	0.1567E+03	0.9099E-02	0.9099E+03
11.	0.1120E-01	0.3253E+01	0.7919E-02	0.6581E+01	0.4349E-02	0.2990E+02
12.	0.7555E-02	0.1040E+03	0.1827E-01	0.7074E+02	0.1363E-01	0.7330E+02
13.	0.6582E-02	-0.7019E+02	0.2648E-02	-0.1817E+02	0.1750E-02	0.4199E+02
14.	0.4356E-02	0.5887E+02	0.1838E-01	0.7793E+01	0.1390E-01	0.2425E+01
15.	0.7153E-02	-0.1800E+03	0.4210E-02	0.8645E+02	0.2518E-02	0.5448E+02

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1278E+02	0.0000E+00	0.1284E+02	0.0000E+00	0.1300E+02	0.0000E+00
1.	0.1583E+00	-0.1220E+03	0.6386E-01	-0.1504E+03	0.4095E-01	0.1391E+03
2.	0.1044E+00	-0.3468E+02	0.6209E-01	-0.3980E+02	0.3060E-01	-0.4805E+02
3.	0.1134E-01	0.5540E+02	0.1762E-02	-0.1674E+03	0.2748E-02	-0.1416E+03
4.	0.2467E-01	-0.3532E+02	0.1633E-01	-0.2629E+02	0.1226E-01	-0.2386E+02
5.	0.6252E-02	0.4041E+02	0.2524E-02	0.1910E+02	0.1016E-02	-0.1237E+02
6.	0.8770E-02	-0.1652E+03	0.2753E-02	-0.1513E+03	0.2854E-02	-0.7662E+02
7.	0.9499E-02	0.1548E+03	0.8217E-02	0.1657E+03	0.4858E-02	0.1691E+03
8.	0.8012E-02	0.1133E+03	0.4114E-02	0.8501E+02	0.9590E-03	0.5917E+02
9.	0.7714E-02	0.9113E+02	0.6856E-02	0.8168E+02	0.5111E-02	0.8184E+02
10.	0.4352E-02	0.9565E+02	0.3449E-02	0.1075E+03	0.3045E-02	0.1055E+03
11.	0.1034E-02	0.2834E+02	0.5333E-03	-0.1204E+03	0.1710E-02	-0.3506E+02
12.	0.5046E-02	0.1030E+03	0.2965E-02	0.1269E+03	0.2617E-02	0.1267E+03
13.	0.3407E-02	0.1233E+03	0.2322E-02	0.1276E+03	0.1700E-02	0.1286E+03
14.	0.4583E-02	0.5469E+01	0.2474E-02	-0.7897E+01	0.1859E-02	-0.1988E+02
15.	0.2286E-02	0.5821E+02	0.1839E-02	0.6043E+02	0.6943E-03	0.6909E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1437E+02	0.0000E+00	0.1310E+02	0.0000E+00	0.1303E+02	0.0000E+00
1.	0.1020E+01	0.8548E+02	0.3310E+00	-0.1039E+03	0.3237E+00	-0.1039E+03
2.	0.8887E-01	-0.5072E+02	0.1701E+00	-0.3996E+02	0.1365E+00	-0.3963E+02
3.	0.4422E-01	-0.7443E+02	0.1175E+00	-0.8649E+01	0.8615E-01	-0.2743E+01
4.	0.4237E-01	0.1624E+03	0.3373E-01	0.2441E+01	0.3185E-01	-0.7949E+00
5.	0.1177E-01	0.1512E+03	0.4233E-01	-0.8985E+02	0.3258E-01	-0.8995E+02
6.	0.2410E-01	0.4167E+01	0.4608E-01	-0.3586E+02	0.3410E-01	-0.4099E+02
7.	0.5963E-02	0.1619E+03	0.1415E-01	0.5429E+02	0.1033E-01	0.5037E+02
8.	0.2841E-01	-0.1507E+03	0.1901E-01	-0.1065E+03	0.1351E-01	-0.1084E+03
9.	0.1288E-01	0.1183E+03	0.2197E-01	-0.5787E+02	0.1670E-01	-0.6258E+02
10.	0.2030E-01	0.1106E+03	0.8694E-02	-0.1996E+02	0.8293E-02	-0.4370E+02
11.	0.3742E-02	-0.1305E+03	0.2110E-02	-0.1144E+03	0.4752E-02	-0.4731E+02
12.	0.3349E-02	-0.5357E+02	0.8654E-02	-0.6077E+02	0.6152E-02	-0.3018E+02
13.	0.1666E-01	0.1164E+03	0.6246E-02	-0.2150E+02	0.4164E-02	-0.3216E+02
14.	0.1402E-01	0.1477E+03	0.2659E-02	-0.1249E+03	0.2910E-02	-0.7577E+02
15.	0.4638E-02	-0.7977E+01	0.7589E-02	-0.7412E+02	0.3977E-02	-0.8352E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1289E+02	0.0000E+00	0.1286E+02	0.0000E+00	0.1295E+02	0.0000E+00
1.	0.3439E+00	-0.1041E+03	0.1450E+00	-0.1165E+03	0.9713E-01	-0.1262E+03
2.	0.1158E+00	-0.3804E+02	0.5720E-01	-0.4064E+02	0.4340E-01	-0.4095E+02
3.	0.6595E-01	-0.5814E+01	0.3208E-01	-0.3349E+01	0.2389E-01	-0.7363E+01
4.	0.2738E-01	0.8397E+01	0.2142E-01	0.6982E+00	0.1725E-01	-0.4550E+01
5.	0.2242E-01	-0.8215E+02	0.1121E-01	-0.7039E+02	0.8716E-02	-0.7513E+02
6.	0.2515E-01	-0.4599E+02	0.1643E-01	-0.4952E+02	0.1230E-01	-0.5696E+02
7.	0.7433E-02	0.3952E+02	0.7489E-03	-0.3838E+01	0.1259E-02	-0.6781E+02
8.	0.6484E-02	-0.9189E+02	0.5669E-02	-0.6724E+02	0.4888E-02	-0.6780E+02
9.	0.1232E-01	-0.6031E+02	0.4842E-02	-0.4315E+02	0.3555E-02	-0.3923E+02
10.	0.7602E-02	-0.5304E+02	0.5381E-02	-0.8224E+02	0.5561E-02	-0.9252E+02
11.	0.4187E-02	-0.4349E+02	0.5587E-02	-0.3618E+02	0.5593E-02	-0.4195E+02
12.	0.4126E-02	-0.2892E+02	0.3659E-02	0.3907E+02	0.2601E-02	0.4548E+02
13.	0.3494E-02	-0.4228E+02	0.7283E-03	-0.4284E+02	0.3041E-03	-0.1398E+03
14.	0.2997E-02	-0.5112E+02	0.3965E-02	0.3051E+01	0.3108E-02	0.3013E+01
15.	0.2547E-02	-0.8916E+02	0.1398E-02	-0.9642E+02	0.1245E-02	-0.1193E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1290E+02	0.0000E+00	0.1301E+02	0.0000E+00
1.	0.6629E-01	-0.1464E+03	0.9402E-01	0.1122E+03
2.	0.2656E-01	-0.4892E+02	0.7308E-02	-0.1118E+03
3.	0.1647E-01	-0.1380E+02	0.3890E-02	-0.5883E+02
4.	0.1260E-01	-0.1507E+01	0.1253E-01	-0.1479E+02
5.	0.5699E-02	-0.6084E+02	0.2840E-02	0.2295E+02
6.	0.7589E-02	-0.6475E+02	0.7762E-02	-0.6904E+02
7.	0.1310E-02	-0.9871E+02	0.5586E-02	-0.1284E+03
8.	0.2930E-02	-0.4191E+02	0.3326E-02	-0.7159E+02
9.	0.2634E-02	-0.1324E+02	0.1785E-02	0.6265E+02
10.	0.3535E-02	-0.9472E+02	0.5194E-02	-0.9990E+02
11.	0.3496E-02	-0.4462E+02	0.6574E-02	-0.4001E+02
12.	0.2522E-02	0.5450E+02	0.2895E-02	0.6834E+02
13.	0.6644E-03	-0.1771E+03	0.1450E-02	0.1412E+03
14.	0.2962E-02	-0.7481E+01	0.4061E-02	0.1480E+02
15.	0.6826E-03	-0.1109E+03	0.6508E-03	0.7773E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.75		FRACTN RADIUS 0.75		FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1478E+02	0.0000E+00	0.1380E+02	0.0000E+00	0.1300E+02	0.0000E+00
1.	0.5496E+00	0.6843E+02	0.2702E+00	-0.7278E+02	0.5870E+00	-0.9170E+02
2.	0.9505E-01	-0.3738E+02	0.7580E-01	-0.7472E+02	0.1022E+00	-0.6914E+02
3.	0.1708E+00	-0.7213E+02	0.1667E+00	-0.5823E+02	0.1248E+00	-0.4808E+02
4.	0.3284E-01	0.2592E+02	0.6423E-01	-0.1720E+02	0.9821E-01	-0.2771E+02
5.	0.4781E-01	0.1287E+03	0.4011E-01	0.1524E+03	0.2409E-01	0.1493E+03
6.	0.4073E-01	-0.1098E+03	0.5589E-01	-0.1343E+03	0.6890E-01	-0.1264E+03
7.	0.4133E-01	-0.4208E+02	0.2776E-01	-0.4970E+02	0.1787E-01	-0.7945E+02
8.	0.1851E-01	0.5107E+02	0.2284E-01	0.2377E+02	0.7280E-02	0.1349E+02
9.	0.4326E-01	0.1084E+03	0.3690E-01	0.1055E+03	0.3056E-01	0.7548E+02
10.	0.2294E-01	0.1762E+03	0.3425E-01	0.1718E+03	0.4219E-01	0.1619E+03
11.	0.2986E-01	-0.7103E+02	0.2146E-01	-0.9690E+02	0.2592E-01	-0.1214E+03
12.	0.2287E-01	-0.3320E+01	0.2295E-01	-0.6946E+01	0.2504E-01	-0.3238E+02
13.	0.2100E-01	0.9989E+02	0.1883E-01	0.7272E+02	0.1182E-01	0.5083E+02
14.	0.1827E-01	0.1788E+03	0.1605E-01	0.1589E+03	0.1482E-01	-0.1423E+03
15.	0.2191E-01	-0.7716E+02	0.1322E-01	-0.8668E+02	0.8058E-02	-0.1084E+03

HARMONIC	FRACTN RADIUS 0.75		FRACTN RADIUS 0.75	
	FRACTN OF CHORD 0.15		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1258E+02	0.0000E+00	0.1469E+02	0.0000E+00
1.	0.7108E+00	-0.9824E+02	0.2712E-02	0.8021E+02
2.	0.1067E+00	-0.6587E+02	0.6312E-03	0.1303E+03
3.	0.1126E+00	-0.4595E+02	0.3544E-03	0.1253E+03
4.	0.7012E-01	-0.1908E+02	0.8464E-03	-0.3224E+02
5.	0.1599E-01	0.1653E+03	0.2705E-03	-0.1675E+03
6.	0.4550E-01	-0.1418E+03	0.2506E-03	-0.9221E+02
7.	0.1482E-01	-0.7516E+02	0.2698E-03	-0.7099E+02
8.	0.1252E-01	0.3190E+01	0.2507E-03	-0.1155E+03
9.	0.1638E-01	0.9093E+02	0.5494E-03	0.3156E+02
10.	0.2830E-01	0.1621E+03	0.3253E-03	-0.8859E+02
11.	0.1832E-01	-0.1396E+03	0.4234E-03	-0.2952E+02
12.	0.1248E-01	-0.1766E+02	0.1887E-03	0.7429E+02
13.	0.9817E-02	0.4890E+02	0.4416E-03	0.6882E+01
14.	0.4813E-02	0.1522E+03	0.8023E-03	-0.1246E+02
15.	0.1321E-02	-0.9443E+02	0.2840E-03	0.9717E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1528E+02	0.0000E+00	0.1365E+02	0.0000E+00	0.1254E+02	0.0000E+00
1.	0.5811E+00	0.4331E+02	0.6692E+00	-0.6998E+02	0.1171E+01	-0.8632E+02
2.	0.5916E-01	0.9193E+02	0.6030E-01	-0.1749E+03	0.6312E-01	-0.8363E+02
3.	0.2491E+00	-0.8058E+02	0.2042E+00	-0.7248E+02	0.1606E+00	-0.6536E+02
4.	0.7050E-01	-0.5714E+02	0.1187E+00	-0.4752E+02	0.1328E+00	-0.4363E+02
5.	0.2112E-01	0.8110E+02	0.7982E-02	-0.3217E+02	0.1950E-01	-0.3039E+02
6.	0.2398E-01	0.1718E+03	0.4494E-01	-0.1708E+03	0.4667E-01	-0.1694E+03
7.	0.2430E-01	-0.1110E+03	0.3263E-01	-0.1608E+03	0.3996E-01	-0.1652E+03
8.	0.4306E-01	-0.6539E+02	0.3478E-01	-0.6344E+02	0.3049E-01	-0.7290E+02
9.	0.3574E-01	0.3356E+02	0.3522E-01	0.1873E+02	0.3756E-01	0.2053E+01
10.	0.4387E-01	0.9663E+02	0.3412E-01	0.1046E+03	0.2942E-01	0.1013E+03
11.	0.2615E-01	0.1549E+03	0.3274E-01	0.1562E+03	0.2915E-01	0.1557E+03
12.	0.3249E-01	-0.1103E+03	0.2184E-01	-0.1300E+03	0.1889E-01	-0.1623E+03
13.	0.3189E-01	-0.5349E+02	0.2915E-01	-0.4484E+02	0.2189E-01	-0.4364E+02
14.	0.2588E-01	0.1370E+02	0.2701E-01	0.2920E+01	0.2809E-01	-0.1738E+02
15.	0.2863E-01	0.8260E+02	0.2457E-01	0.7494E+02	0.2103E-01	0.5747E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1206E+02	0.0000E+00	0.1243E+02	0.0000E+00	0.1269E+02	0.0000E+00
1.	0.1128E+01	-0.9090E+02	0.6669E+00	-0.9766E+02	0.4147E+00	-0.1012E+03
2.	0.8919E-01	-0.6764E+02	0.6408E-01	-0.7306E+02	0.3452E-01	-0.1003E+03
3.	0.1216E+00	-0.5775E+02	0.5988E-01	-0.5180E+02	0.4258E-01	-0.5573E+02
4.	0.1208E+00	-0.4150E+02	0.5702E-01	-0.3632E+02	0.3754E-01	-0.4085E+02
5.	0.2012E-01	-0.2288E+02	0.1450E-01	-0.6061E+02	0.1323E-01	-0.8385E+02
6.	0.3940E-01	-0.1678E+03	0.2306E-01	-0.1398E+03	0.1744E-01	-0.1393E+03
7.	0.3728E-01	-0.1678E+03	0.1563E-01	-0.1765E+03	0.1004E-01	0.1748E+03
8.	0.2388E-01	-0.9405E+02	0.1065E-01	-0.1105E+03	0.5916E-02	-0.1140E+03
9.	0.3217E-01	-0.4063E+01	0.1094E-01	-0.4845E+01	0.6550E-02	-0.1943E+02
10.	0.1999E-01	0.1046E+03	0.4484E-02	0.9921E+02	0.2456E-02	0.1563E+03
11.	0.2438E-01	0.1604E+03	0.8669E-02	0.1687E+03	0.5859E-02	0.1659E+03
12.	0.1282E-01	0.1757E+03	0.6738E-02	0.1403E+03	0.5877E-02	0.1257E+03
13.	0.1489E-01	-0.4395E+02	0.3015E-02	-0.4708E+02	0.2973E-02	-0.2719E+02
14.	0.2338E-01	-0.3261E+02	0.1069E-01	-0.3826E+02	0.6840E-02	-0.3031E+02
15.	0.1560E-01	0.2639E+02	0.7080E-02	0.1885E+02	0.4728E-02	0.2512E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1257E+02	0.0000E+00	0.1283E+02	0.0000E+00	0.1289E+02	0.0000E+00
1.	0.3392E+00	-0.1042E+03	0.2739E+00	-0.1058E+03	0.1554E+00	-0.1183E+03
2.	0.2941E-01	-0.1065E+03	0.2400E-01	-0.1174E+03	0.1167E-01	-0.1412E+03
3.	0.3785E-01	-0.5785E+02	0.3002E-01	-0.5516E+02	0.1551E-01	-0.6159E+02
4.	0.3123E-01	-0.4447E+02	0.2710E-01	-0.4498E+02	0.1917E-01	-0.5581E+02
5.	0.1431E-01	-0.9070E+02	0.1272E-01	-0.9623E+02	0.1033E-01	-0.1215E+03
6.	0.1718E-01	-0.1410E+03	0.1522E-01	-0.1366E+03	0.1348E-01	-0.1457E+03
7.	0.7143E-02	-0.1799E+03	0.6294E-02	0.1794E+03	0.5541E-02	0.1614E+03
8.	0.4267E-02	-0.1140E+03	0.4072E-02	-0.1211E+03	0.3873E-02	-0.1450E+03
9.	0.6027E-02	-0.2029E+02	0.4391E-02	-0.1294E+02	0.3503E-02	-0.3854E+02
10.	0.2185E-02	0.1439E+03	0.2820E-02	0.1758E+03	0.3494E-02	0.1730E+03
11.	0.5598E-02	0.1590E+03	0.4238E-02	0.1678E+03	0.2974E-02	0.1797E+03
12.	0.6198E-02	0.1184E+03	0.4551E-02	0.1118E+03	0.3625E-02	0.7797E+02
13.	0.1833E-02	-0.1974E+02	0.2084E-02	0.4797E+01	0.1864E-02	-0.1620E+02
14.	0.6238E-02	-0.4103E+02	0.5162E-02	-0.3987E+02	0.4566E-02	-0.6919E+02
15.	0.4473E-02	0.1159E+02	0.2631E-02	0.1057E+02	0.3761E-02	-0.2270E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1294E+02	0.0000E+00
1.	0.2365E-01	0.1529E+03
2.	0.1466E-01	0.1565E+03
3.	0.6176E-02	-0.6430E+02
4.	0.4014E-02	-0.7541E+02
5.	0.6321E-02	-0.1305E+03
6.	0.6315E-02	-0.1541E+03
7.	0.9156E-03	0.1358E+03
8.	0.1190E-02	0.8562E+02
9.	0.9413E-03	-0.1766E+03
10.	0.2107E-02	-0.1640E+03
11.	0.1041E-02	0.1167E+03
12.	0.2883E-02	0.7673E+02
13.	0.5268E-03	-0.3176E+02
14.	0.1868E-02	-0.8741E+02
15.	0.1312E-02	-0.8007E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1494E+02	0.0000E+00	0.1336E+02	0.0000E+00	0.1192E+02	0.0000E+00
1.	0.4420E+00	0.2053E+02	0.1010E+01	-0.8734E+02	0.1519E+01	-0.8110E+02
2.	0.1089E+00	0.1480E+03	0.1052E+00	-0.1897E+03	0.6757E-01	-0.6829E+02
3.	0.2285E+00	-0.6147E+02	0.2076E+00	-0.5706E+02	0.1535E+00	-0.4982E+02
4.	0.1058E+00	-0.3781E+02	0.1512E+00	-0.2809E+02	0.1527E+00	-0.2002E+02
5.	0.2146E-01	0.1181E+02	0.4623E-01	-0.1913E+02	0.5215E-01	0.1286E+01
6.	0.2031E-01	-0.1547E+03	0.3479E-01	-0.1248E+03	0.3521E-01	-0.1309E+03
7.	0.3142E-01	-0.1322E+03	0.5280E-01	-0.1413E+03	0.6303E-01	-0.1442E+03
8.	0.3773E-01	-0.3709E+02	0.3623E-01	-0.4212E+02	0.3204E-01	-0.6165E+02
9.	0.3080E-01	0.5671E+02	0.4022E-01	0.4173E+02	0.3380E-01	0.3921E+02
10.	0.3626E-01	0.1491E+03	0.2924E-01	0.1478E+03	0.2471E-01	0.1222E+03
11.	0.3282E-01	-0.1599E+03	0.4290E-01	-0.1498E+03	0.3267E-01	-0.1480E+03
12.	0.2768E-01	-0.7372E+02	0.2729E-01	-0.9886E+02	0.2614E-01	-0.1115E+03
13.	0.2610E-01	-0.3765E+01	0.2474E-01	0.1098E+02	0.8409E-02	-0.7074E+01
14.	0.3299E-01	0.4266E+02	0.3984E-01	0.4603E+02	0.3088E-01	0.4226E+02
15.	0.3109E-01	0.1303E+03	0.3193E-01	0.1351E+03	0.2873E-01	0.1171E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1197E+02	0.0000E+00	0.1228E+02	0.0000E+00	0.1231E+02	0.0000E+00
1.	0.1234E+01	-0.8432E+02	0.1191E+01	-0.9381E+02	0.6947E+00	-0.9921E+02
2.	0.8161E-01	-0.5173E+02	0.1126E+00	-0.5744E+02	0.5172E-01	-0.7809E+02
3.	0.1033E+00	-0.4388E+02	0.8587E-01	-0.5209E+02	0.4819E-01	-0.5147E+02
4.	0.1105E+00	-0.2108E+02	0.9422E-01	-0.4462E+02	0.4408E-01	-0.4837E+02
5.	0.4117E-01	-0.9247E+01	0.3357E-01	-0.4020E+02	0.2121E-01	-0.7813E+02
6.	0.2307E-01	-0.1289E+03	0.1721E-01	-0.1566E+03	0.1540E-01	-0.1362E+03
7.	0.4275E-01	-0.1496E+03	0.3841E-01	0.1672E+03	0.2019E-01	0.1604E+03
8.	0.2408E-01	-0.7060E+02	0.2295E-01	-0.1317E+03	0.8860E-02	-0.1301E+03
9.	0.2870E-01	0.2080E+02	0.2065E-01	-0.4193E+02	0.9158E-02	-0.5982E+02
10.	0.9144E-02	0.1112E+03	0.6778E-02	0.4073E+02	0.2936E-02	-0.7754E+02
11.	0.2452E-01	-0.1694E+03	0.1285E-01	0.1316E+03	0.4117E-02	0.1295E+03
12.	0.2082E-01	-0.1227E+03	0.1845E-01	0.1372E+03	0.7794E-02	0.1205E+03
13.	0.2675E-02	-0.2017E+02	0.4712E-02	0.1683E+03	0.3500E-02	0.6886E+02
14.	0.1961E-01	0.3820E+02	0.1521E-01	-0.4460E+02	0.4619E-02	-0.3298E+02
15.	0.1907E-01	0.1089E+03	0.1391E-01	-0.5198E+01	0.4878E-02	-0.1767E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1296E+02	0.0000E+00	0.1268E+02	0.0000E+00	0.1293E+02	0.0000E+00
1.	0.5570E+00	-0.1007E+03	0.3974E+00	-0.1026E+03	0.3276E+00	-0.1054E+03
2.	0.3930E-01	-0.9774E+02	0.2635E-01	-0.1220E+03	0.2402E-01	-0.1383E+03
3.	0.4212E-01	-0.5545E+02	0.2971E-01	-0.5374E+02	0.2927E-01	-0.5730E+02
4.	0.3853E-01	-0.5077E+02	0.3068E-01	-0.5590E+02	0.2326E-01	-0.5626E+02
5.	0.2007E-01	-0.8198E+02	0.1724E-01	-0.9734E+02	0.1680E-01	-0.1038E+03
6.	0.1569E-01	-0.1331E+03	0.1566E-01	-0.1304E+03	0.1450E-01	-0.1357E+03
7.	0.1540E-01	0.1803E+03	0.1409E-01	0.1584E+03	0.1017E-01	0.1535E+03
8.	0.6926E-02	-0.1342E+03	0.7207E-02	-0.1288E+03	0.4041E-02	-0.1314E+03
9.	0.8625E-02	-0.5356E+02	0.7532E-02	-0.5753E+02	0.6383E-02	-0.5901E+02
10.	0.2390E-02	-0.1089E+03	0.3063E-02	-0.1227E+03	0.2320E-02	-0.1067E+03
11.	0.4280E-02	0.1458E+03	0.4223E-02	-0.1724E+03	0.2943E-02	0.1606E+03
12.	0.8228E-02	0.1158E+03	0.5719E-02	0.9795E+02	0.5910E-02	0.1088E+03
13.	0.3320E-02	0.5830E+02	0.4150E-02	0.4250E+02	0.3686E-02	0.3736E+02
14.	0.4188E-02	-0.2863E+02	0.4741E-02	-0.3985E+02	0.4421E-02	-0.2873E+02
15.	0.4611E-02	-0.1409E+02	0.3899E-02	-0.1048E+02	0.3074E-02	-0.1924E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.66		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1272E+02	0.0000E+00	0.1304E+02	0.0000E+00	0.1289E+02	0.0000E+00
1.	0.2778E+00	-0.1090E+03	0.2027E+00	-0.1105E+03	0.1076E+00	-0.1273E+03
2.	0.2145E-01	-0.1430E+03	0.2267E-01	-0.1586E+03	0.1974E-01	0.1768E+03
3.	0.2692E-01	-0.5924E+02	0.2306E-01	-0.8198E+02	0.1575E-01	-0.5917E+02
4.	0.2263E-01	-0.5642E+02	0.2073E-01	-0.8253E+02	0.1472E-01	-0.6717E+02
5.	0.1413E-01	-0.9951E+02	0.1351E-01	-0.1070E+03	0.1141E-01	-0.1275E+03
6.	0.1550E-01	-0.1383E+03	0.1366E-01	-0.1418E+03	0.1196E-01	-0.1465E+03
7.	0.7039E-02	0.1606E+03	0.4530E-02	0.1687E+03	0.4010E-02	0.1699E+03
8.	0.2867E-02	-0.1497E+03	0.2668E-02	-0.1599E+03	0.2910E-02	-0.1757E+03
9.	0.5303E-02	-0.4997E+02	0.5596E-02	-0.3979E+02	0.4563E-02	-0.4624E+02
10.	0.1495E-02	0.1573E+03	0.1956E-02	0.1755E+03	0.2784E-02	-0.1794E+03
11.	0.4124E-02	0.1519E+03	0.5047E-02	0.1517E+03	0.3519E-02	0.1729E+03
12.	0.6150E-02	0.1176E+03	0.4634E-02	0.1051E+03	0.4503E-02	0.9106E+02
13.	0.2451E-02	0.1344E+02	0.2333E-02	0.7365E+01	0.1714E-02	0.2189E+02
14.	0.4262E-02	-0.3188E+02	0.4860E-02	-0.6276E+02	0.4215E-02	-0.5485E+02
15.	0.4022E-02	-0.2984E+02	0.4323E-02	-0.3300E+02	0.4099E-02	-0.4358E+02



Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1454E+02	0.0000E+00	0.1222E+02	0.0000E+00	0.1187E+02	0.0000E+00
1.	0.5569E+00	-0.1403E+02	0.1469E+01	-0.7206E+02	0.1126E+01	-0.9199E+02
2.	0.2174E+00	0.1681E+03	0.1669E+00	-0.1654E+03	0.1027E+00	-0.5880E+02
3.	0.2654E+00	-0.6703E+02	0.2561E+00	-0.6642E+02	0.6994E-01	-0.4141E+02
4.	0.1606E+00	-0.4897E+02	0.2050E+00	-0.3294E+02	0.7435E-01	-0.2589E+02
5.	0.6732E-01	-0.2306E+02	0.8404E-01	-0.1820E+02	0.4024E-01	-0.1933E+02
6.	0.1946E-01	-0.1747E+03	0.2968E-01	-0.1423E+03	0.1749E-01	-0.7872E+02
7.	0.5399E-01	-0.1644E+03	0.7405E-01	-0.1578E+03	0.2882E-01	-0.1560E+03
8.	0.3380E-01	-0.6716E+02	0.3052E-01	-0.7750E+02	0.1799E-01	-0.1085E+03
9.	0.3277E-01	0.1914E+02	0.3993E-01	0.2064E+02	0.9754E-02	0.6842E+01
10.	0.2769E-01	0.8116E+02	0.3316E-01	0.7481E+02	0.7006E-02	-0.3076E+02
11.	0.3850E-01	0.1500E+03	0.4681E-01	0.1648E+03	0.1895E-02	-0.3507E+02
12.	0.3468E-01	-0.1002E+03	0.4638E-01	-0.1492E+03	0.1040E-01	0.1682E+03
13.	0.2214E-01	-0.8522E+02	0.1892E-01	-0.8518E+02	0.1127E-01	0.1797E+03
14.	0.3643E-01	0.4326E+00	0.3730E-01	0.1603E+02	0.8318E-02	0.4339E+02
15.	0.3215E-01	0.6770E+02	0.3973E-01	0.6982E+02	0.8682E-02	0.5325E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1242E+02	0.0000E+00	0.1255E+02	0.0000E+00	0.1292E+02	0.0000E+00
1.	0.4834E+00	-0.9569E+02	0.3320E+00	-0.1000E+03	0.9825E-01	-0.1111E+03
2.	0.2112E-01	-0.9755E+02	0.1277E-01	-0.1502E+03	0.1726E-01	0.1171E+03
3.	0.2341E-01	-0.3930E+02	0.2799E-01	-0.4123E+02	0.1139E-01	0.1745E+01
4.	0.3501E-01	-0.2913E+02	0.2478E-01	-0.3225E+02	0.6455E-02	-0.3932E+02
5.	0.1904E-01	-0.4792E+02	0.2060E-01	-0.7473E+02	0.1107E-01	-0.1219E+03
6.	0.2046E-01	-0.8038E+02	0.2184E-01	-0.9026E+02	0.1395E-01	-0.1094E+03
7.	0.1331E-01	-0.1490E+03	0.1369E-01	-0.1278E+03	0.4317E-02	-0.1526E+03
8.	0.9299E-02	-0.1095E+03	0.8324E-02	-0.1190E+03	0.2601E-02	-0.8237E+02
9.	0.5079E-02	0.5863E+02	0.3652E-02	-0.1572E+03	0.3456E-02	0.3627E+02
10.	0.4613E-02	-0.1029E+03	0.6954E-02	-0.1362E+03	0.2857E-02	-0.1297E+03
11.	0.8233E-02	-0.6687E+02	0.6569E-02	-0.1574E+03	0.2947E-02	-0.9532E+02
12.	0.2870E-02	-0.1713E+03	0.8192E-02	0.1744E+03	0.2498E-02	0.1463E+03
13.	0.3027E-02	0.1309E+03	0.8464E-02	0.1416E+03	0.2076E-02	0.6214E+02
14.	0.7058E-02	0.3884E+02	0.8934E-02	0.1098E+03	0.4670E-02	0.1665E+02
15.	0.6422E-02	0.8125E+02	0.7984E-02	0.1130E+03	0.2211E-02	0.7011E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1318E+02	0.0000E+00
1.	0.1404E+00	0.8767E+02
2.	0.2715E-01	0.1460E+03
3.	0.8879E-02	-0.2024E+02
4.	0.2973E-02	-0.7581E+01
5.	0.9381E-02	-0.1556E+03
6.	0.1015E-01	-0.1207E+03
7.	0.1474E-02	-0.1039E+03
8.	0.1486E-02	0.5653E+02
9.	0.2041E-02	0.8289E+02
10.	0.2572E-02	-0.1412E+03
11.	0.2798E-02	-0.9039E+02
12.	0.1850E-03	0.1584E+03
13.	0.1824E-02	0.5175E+02
14.	0.2313E-02	0.5806E+02
15.	0.7558E-03	0.1253E+03

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1477E+02	0.0000E+00	0.1285E+02	0.0000E+00	0.1147E+02	0.0000E+00
1.	0.4816E+00	-0.4838E+01	0.1310E+01	-0.8115E+02	0.1722E+01	-0.9403E+02
2.	0.2380E+00	0.1566E+03	0.1846E+00	0.1781E+03	0.1466E+00	-0.8342E+02
3.	0.2159E+00	-0.8982E+02	0.2151E+00	-0.9440E+02	0.1419E+00	-0.7773E+02
4.	0.1488E+00	-0.8047E+02	0.1813E+00	-0.7484E+02	0.1633E+00	-0.6397E+02
5.	0.6959E-01	-0.6615E+02	0.9281E-01	-0.6806E+02	0.8613E-01	-0.4743E+02
6.	0.1373E-01	0.1519E+03	0.2051E-01	0.1760E+03	0.1482E-01	0.1254E+03
7.	0.5303E-01	0.1366E+03	0.6845E-01	0.1354E+03	0.7618E-01	0.1383E+03
8.	0.2367E-01	-0.1408E+03	0.2819E-01	-0.1682E+03	0.4248E-01	-0.1704E+03
9.	0.2869E-01	-0.5332E+02	0.3374E-01	-0.6129E+02	0.3550E-01	-0.7173E+02
10.	0.2448E-01	-0.1298E+02	0.2883E-01	-0.2551E+02	0.3053E-01	-0.3685E+02
11.	0.3054E-01	0.5893E+02	0.3587E-01	0.5033E+02	0.2988E-01	0.4325E+02
12.	0.3408E-01	0.9675E+02	0.4034E-01	0.8600E+02	0.4088E-01	0.8540E+02
13.	0.2010E-01	0.1616E+03	0.2249E-01	0.1226E+03	0.2270E-01	0.1244E+03
14.	0.3020E-01	-0.1149E+03	0.3359E-01	-0.1274E+03	0.3063E-01	-0.1259E+03
15.	0.2875E-01	-0.6675E+02	0.3769E-01	-0.8487E+02	0.3533E-01	-0.8061E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1149E+02	0.0000E+00	0.1234E+02	0.0000E+00	0.1260E+02	0.0000E+00
1.	0.1302E+01	-0.9816E+02	0.4415E+00	-0.9835E+02	0.3533E+00	-0.9896E+02
2.	0.1136E+00	-0.8677E+02	0.2754E-02	-0.1402E+03	0.1290E-01	0.1198E+03
3.	0.9404E-01	-0.7691E+02	0.2471E-01	-0.4986E+02	0.1854E-01	-0.4793E+02
4.	0.1099E+00	-0.6501E+02	0.1925E-01	-0.3890E+02	0.1721E-01	-0.3765E+02
5.	0.5818E-01	-0.5720E+02	0.1430E-01	-0.7278E+02	0.1194E-01	-0.8035E+02
6.	0.8747E-02	-0.1324E+03	0.1392E-01	-0.1037E+03	0.1537E-01	-0.1057E+03
7.	0.4331E-01	0.1334E+03	0.8189E-02	-0.1776E+03	0.7692E-02	-0.1724E+03
8.	0.2395E-01	0.1703E+03	0.3507E-02	-0.1411E+03	0.3352E-02	-0.1079E+03
9.	0.1386E-01	-0.7980E+02	0.5415E-02	0.5376E+01	0.4263E-02	0.1766E+02
10.	0.1297E-01	-0.6812E+02	0.2641E-02	-0.8144E+02	0.3624E-02	-0.9311E+02
11.	0.1059E-01	0.1564E+02	0.1961E-02	-0.8804E+02	0.2147E-02	-0.9677E+02
12.	0.2095E-01	0.6379E+02	0.4797E-02	0.1378E+03	0.3352E-02	0.1369E+03
13.	0.1277E-01	0.8119E+02	0.3580E-02	0.9777E+02	0.3069E-02	0.6761E+02
14.	0.1229E-01	-0.1181E+03	0.3673E-02	0.1244E+02	0.4824E-02	0.2027E+02
15.	0.1514E-01	-0.9633E+02	0.3139E-02	0.2457E+02	0.3070E-02	0.2355E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1248E+02	0.0000E+00	0.1275E+02	0.0000E+00	0.1283E+02	0.0000E+00
1.	0.2648E+00	-0.9938E+02	0.1226E+00	-0.1043E+03	0.7644E-01	-0.1119E+03
2.	0.2013E-01	0.1068E+03	0.3841E-01	0.1287E+03	0.2641E-01	0.8827E+02
3.	0.1818E-01	-0.4280E+02	0.1847E-01	-0.4815E+02	0.1455E-01	-0.1051E+02
4.	0.9891E-02	-0.4300E+02	0.4174E-02	-0.7875E+02	0.1711E-02	0.5572E+02
5.	0.1070E-01	-0.9736E+02	0.1060E-01	-0.9144E+02	0.8579E-02	-0.1361E+03
6.	0.1311E-01	-0.1140E+03	0.6738E-02	-0.1247E+03	0.1042E-01	-0.1172E+03
7.	0.6068E-02	-0.1795E+03	0.5120E-02	-0.1750E+03	0.2118E-02	0.1734E+03
8.	0.1073E-02	-0.7394E+02	0.4100E-03	0.3219E+02	0.1058E-02	0.1251E+02
9.	0.3299E-02	-0.3210E+01	0.5399E-03	-0.1793E+02	0.1840E-02	0.3387E+02
10.	0.2758E-02	-0.8451E+02	0.3067E-02	-0.8340E+02	0.2460E-02	-0.9904E+02
11.	0.1411E-02	-0.1806E+03	0.1995E-02	-0.1545E+03	0.1988E-02	-0.9865E+02
12.	0.3180E-02	0.1528E+03	0.2307E-02	-0.1799E+03	0.2368E-02	0.1582E+03
13.	0.3585E-02	0.6916E+02	0.2925E-02	0.9232E+02	0.2432E-02	0.6891E+02
14.	0.3310E-02	0.1318E+02	0.1929E-02	0.2727E+02	0.3257E-02	0.3972E+02
15.	0.2548E-02	0.1301E+02	0.1575E-02	0.2096E+01	0.1370E-02	0.4267E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1276E+02	0.0000E+00
1.	0.1320E+00	0.8154E+02
2.	0.2898E-01	0.8859E+02
3.	0.6279E-02	0.2038E+02
4.	0.4719E-02	0.1474E+03
5.	0.1159E-01	-0.1581E+03
6.	0.8432E-02	-0.1383E+03
7.	0.8676E-03	0.1095E+03
8.	0.1291E-02	0.4492E+02
9.	0.2083E-02	0.6306E+02
10.	0.2859E-02	-0.1545E+03
11.	0.2070E-02	-0.1064E+03
12.	0.1159E-02	0.1404E+03
13.	0.1964E-02	0.5280E+02
14.	0.2514E-02	0.3774E+02
15.	0.1189E-02	0.3512E+02

Table IV-9b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1450E+02	0.0000E+00	0.1229E+02	0.0000E+00	0.1138E+02	0.0000E+00
1.	0.2840E+00	-0.6592E+01	0.1259E+01	-0.8544E+02	0.9977E+00	-0.1026E+03
2.	0.2776E+00	-0.1799E+03	0.2056E+00	-0.1500E+03	0.9014E-01	-0.9523E+02
3.	0.1763E+00	-0.7887E+02	0.1833E+00	-0.7574E+02	0.4722E-01	-0.5680E+02
4.	0.1593E+00	-0.5791E+02	0.1785E+00	-0.4622E+02	0.5589E-01	-0.3373E+02
5.	0.8769E-01	-0.4019E+02	0.1045E+00	-0.2947E+02	0.2852E-01	-0.1163E+02
6.	0.1182E-01	-0.1165E+03	0.1413E-01	-0.9037E+02	0.4877E-02	-0.8123E+02
7.	0.5862E-01	0.1733E+03	0.6828E-01	-0.1737E+03	0.3081E-01	0.1775E+03
8.	0.2132E-01	-0.1311E+03	0.2811E-01	-0.1302E+03	0.1645E-01	-0.1621E+03
9.	0.2461E-01	-0.2378E+01	0.2351E-01	-0.1888E+01	0.7364E-02	0.5849E+02
10.	0.2508E-01	0.9252E+01	0.2908E-01	0.1789E+02	0.9254E-02	0.4147E+02
11.	0.1931E-01	0.9614E+02	0.2098E-01	0.1032E+03	0.7092E-02	0.7687E+02
12.	0.3358E-01	0.1525E+03	0.3727E-01	0.1619E+03	0.1422E-01	0.1311E+03
13.	0.2514E-01	-0.1859E+03	0.2599E-01	-0.1684E+03	0.1173E-01	0.1367E+03
14.	0.2573E-01	-0.5128E+02	0.2028E-01	-0.3559E+02	0.8482E-02	0.1884E+02
15.	0.3108E-01	-0.2384E+01	0.3194E-01	0.9602E+01	0.7626E-02	0.4627E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1116E+02	0.0000E+00	0.1106E+02	0.0000E+00	0.1224E+02	0.0000E+00
1.	0.9954E+00	-0.1019E+03	0.7728E+00	-0.9972E+02	0.4416E+00	-0.1022E+03
2.	0.8808E-01	-0.5286E+02	0.5024E-01	-0.3874E+02	0.4514E-01	0.4037E+02
3.	0.2779E-01	-0.1370E+02	0.3091E-01	-0.2949E+02	0.2043E-01	-0.4468E+02
4.	0.3013E-01	-0.1765E+02	0.2425E-01	-0.1896E+02	0.7748E-02	-0.1159E+02
5.	0.1540E-01	0.5209E+01	0.1806E-01	-0.1946E+02	0.2598E-02	-0.4711E+02
6.	0.3179E-02	-0.1136E+03	0.1121E-01	-0.5534E+02	0.7067E-02	-0.1173E+03
7.	0.2615E-01	0.1781E+03	0.9808E-02	-0.1519E+03	0.4800E-02	0.1707E+03
8.	0.1244E-01	-0.1605E+03	0.6376E-02	-0.1103E+03	0.3918E-02	-0.1220E+03
9.	0.8214E-02	0.7765E+02	0.3634E-02	-0.2010E+02	0.2127E-02	0.7418E+01
10.	0.7371E-02	0.3772E+02	0.6058E-02	-0.3595E+02	0.2223E-02	-0.1446E+03
11.	0.8063E-02	0.5259E+02	0.3468E-02	-0.4928E+02	0.4049E-02	-0.1370E+03
12.	0.1126E-01	0.1265E+03	0.2580E-02	-0.1551E+03	0.1176E-02	0.3027E+02
13.	0.7002E-02	0.1208E+03	0.2186E-02	0.1548E+03	0.2837E-02	-0.1395E+02
14.	0.6569E-02	0.3696E+02	0.2116E-02	0.1272E+02	0.3897E-02	-0.3992E+02
15.	0.7189E-02	0.4607E+02	0.1939E-02	0.4935E+01	0.2792E-02	0.1173E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1241E+02	0.0000E+00	0.1237E+02	0.0000E+00	0.1232E+02	0.0000E+00
1.	0.2962E+00	-0.9848E+02	0.2427E+00	-0.9370E+02	0.1717E+00	-0.9129E+02
2.	0.5575E-01	0.5436E+02	0.6853E-01	0.5388E+02	0.6941E-01	0.4951E+02
3.	0.2146E-01	-0.4872E+02	0.2697E-01	-0.4998E+02	0.3053E-01	-0.4756E+02
4.	0.2909E-02	0.1862E+02	0.2877E-02	0.7849E+02	0.4494E-02	0.1089E+03
5.	0.1777E-02	-0.1740E+03	0.4547E-02	0.1536E+03	0.6381E-02	0.1519E+03
6.	0.6594E-02	-0.1225E+03	0.7902E-02	-0.1305E+03	0.5842E-02	-0.1470E+03
7.	0.2072E-02	0.1544E+03	0.6829E-03	0.1434E+03	0.1565E-02	-0.9188E+02
8.	0.3746E-02	-0.1125E+03	0.4020E-02	-0.8844E+02	0.3460E-02	-0.7008E+02
9.	0.3238E-02	-0.8398E+00	0.2842E-02	0.2185E+01	0.2395E-02	-0.4199E+02
10.	0.1987E-02	0.1514E+03	0.2772E-02	0.1522E+03	0.2450E-02	0.1632E+03
11.	0.3156E-02	-0.1586E+03	0.3039E-02	-0.1774E+03	0.1196E-02	-0.1418E+03
12.	0.6244E-03	0.4754E+02	0.5382E-03	-0.6089E+02	0.1467E-02	-0.1763E+03
13.	0.2802E-02	-0.7262E+01	0.3263E-02	-0.2140E+02	0.3693E-02	-0.3717E+02
14.	0.4141E-02	-0.5219E+02	0.3949E-02	-0.5006E+02	0.3219E-02	-0.5333E+02
15.	0.2522E-02	0.7878E+00	0.2625E-02	-0.8320E+00	0.1963E-02	-0.1175E+02

Table IV-9b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1271E+02	0.0000E+00	0.1295E+02	0.0000E+00	0.1296E+02	0.0000E+00
1.	0.1391E+00	-0.8680E+02	0.1139E+00	-0.8017E+02	0.6268E-01	-0.6358E+02
2.	0.7703E-01	0.4557E+02	0.8150E-01	0.4093E+02	0.8574E-01	0.4148E+02
3.	0.3357E-01	-0.4295E+02	0.3588E-01	-0.3947E+02	0.3384E-01	-0.2377E+02
4.	0.7276E-02	0.9963E+02	0.9242E-02	0.9970E+02	0.1502E-01	0.1039E+03
5.	0.9917E-02	0.1355E+03	0.1113E-01	0.1291E+03	0.1857E-01	0.1230E+03
6.	0.4227E-02	-0.1645E+03	0.3777E-02	-0.1637E+03	0.5251E-02	0.1680E+03
7.	0.1358E-02	-0.3772E+02	0.4179E-02	-0.2805E+02	0.6241E-02	0.2734E+02
8.	0.3714E-02	-0.6789E+02	0.4342E-02	-0.4537E+02	0.4618E-02	-0.2970E+02
9.	0.2811E-02	-0.3178E+02	0.3810E-02	-0.3299E+02	0.2644E-02	-0.2219E+02
10.	0.3132E-02	0.1513E+03	0.3878E-02	0.1409E+03	0.3042E-02	0.1472E+03
11.	0.2140E-02	-0.1160E+03	0.1426E-02	-0.9844E+02	0.9331E-03	-0.1599E+03
12.	0.1001E-02	-0.6040E+02	0.7962E-03	-0.6825E+02	0.9054E-03	0.2406E+02
13.	0.2706E-02	-0.6164E+02	0.2664E-02	-0.4577E+02	0.3014E-02	-0.2271E+02
14.	0.4328E-02	-0.5709E+02	0.5391E-02	-0.6885E+02	0.3591E-02	-0.4378E+02
15.	0.1844E-02	0.2170E+02	0.2724E-02	0.2501E+01	0.1095E-02	0.3092E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1297E+02	0.0000E+00
1.	0.1245E+00	0.6410E+02
2.	0.6111E-01	0.4808E+02
3.	0.2508E-01	-0.5168E+01
4.	0.2295E-01	0.1200E+03
5.	0.1597E-01	0.1644E+03
6.	0.8162E-02	0.1464E+03
7.	0.1369E-02	-0.1533E+03
8.	0.3468E-02	-0.1140E+02
9.	0.2399E-02	0.1098E+03
10.	0.4512E-02	-0.1572E+03
11.	0.3370E-02	-0.1247E+03
12.	0.1209E-02	0.9301E+02
13.	0.1546E-02	-0.4857E+02
14.	0.1568E-02	-0.6140E+02
15.	0.8393E-03	-0.2340E+02

Table IV-10a. Harmonic pressure data for 103 KTAS, 200 FPM R/S, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1047E+02	0.0000E+00	0.1124E+02	0.0000E+00	0.1103E+02	0.0000E+00
1.	0.1067E+01	-0.4030E+02	0.9880E+00	-0.6377E+02	0.7342E+00	-0.6809E+02
2.	0.4933E+00	0.1372E+03	0.2162E+00	0.1303E+03	0.8712E-01	0.8810E+02
3.	0.2036E+00	0.1690E+03	0.1365E+00	0.1545E+03	0.5476E-01	0.1758E+03
4.	0.2736E+00	0.1140E+03	0.1715E+00	0.1068E+03	0.8823E-01	0.1361E+03
5.	0.1339E+00	0.1092E+03	0.6573E-01	0.9553E+02	0.5828E-01	0.1222E+03
6.	0.1177E+00	-0.1443E+02	0.6276E-01	-0.1345E+02	0.3402E-01	0.3907E+02
7.	0.1596E+00	0.2397E+02	0.6192E-01	0.3555E+02	0.4812E-01	0.3981E+02
8.	0.1042E+00	0.6511E+02	0.5497E-01	0.7614E+02	0.1445E-01	0.7906E+02
9.	0.8149E-01	0.4589E+02	0.4766E-01	0.5183E+02	0.1354E-01	0.6925E+02
10.	0.5633E-01	0.6983E+02	0.3281E-01	0.5119E+02	0.1585E-01	0.1048E+03
11.	0.2341E-01	0.8276E+02	0.8434E-02	0.1394E+03	0.1087E-01	0.1105E+03
12.	0.4891E-01	0.6462E+02	0.1412E-01	0.5818E+02	0.1040E-01	0.6850E+02
13.	0.2969E-01	0.9052E+02	0.1727E-01	0.8098E+02	0.5839E-02	0.1105E+03
14.	0.7205E-02	0.9665E+02	0.4064E-02	0.5073E+02	0.2017E-02	0.1217E+03
15.	0.3458E-02	0.1754E+03	0.2103E-02	-0.1239E+02	0.2046E-02	0.1575E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1223E+02	0.0000E+00	0.1262E+02	0.0000E+00
1.	0.4070E+00	-0.7774E+02	0.1851E+00	-0.8033E+02
2.	0.5965E-01	0.4368E+02	0.2222E-01	0.4929E+02
3.	0.5938E-02	0.1565E+03	0.4284E-02	-0.1859E+03
4.	0.2695E-01	0.1488E+03	0.1725E-01	0.1558E+03
5.	0.2424E-01	0.1162E+03	0.1811E-01	0.1094E+03
6.	0.1485E-01	0.4167E+02	0.8527E-02	0.7230E+02
7.	0.2412E-01	-0.7833E+00	0.2206E-01	0.3786E+01
8.	0.1028E-01	-0.7079E+02	0.8031E-02	-0.8802E+01
9.	0.8519E-02	-0.1251E+03	0.8867E-02	-0.4892E+02
10.	0.1182E-01	0.1721E+03	0.5964E-02	-0.1737E+03
11.	0.8867E-02	0.1270E+03	0.9298E-02	0.1046E+03
12.	0.5512E-02	0.5849E+02	0.6576E-02	-0.8445E+01
13.	0.2571E-02	0.1542E+02	0.1152E-01	-0.4680E+02
14.	0.3258E-03	-0.1034E+03	0.4217E-02	-0.9704E+02
15.	0.1172E-02	0.1405E+03	0.2432E-02	0.1265E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9742E+01	0.0000E+00	0.1083E+02	0.0000E+00	0.1124E+02	0.0000E+00
1.	0.1748E+00	0.7152E+02	0.8911E+00	-0.8386E+02	0.7808E+00	-0.8422E+02
2.	0.3506E+00	0.1053E+03	0.1594E+00	0.2229E+02	0.1298E+00	0.1779E+02
3.	0.4343E+00	0.1773E+03	0.1539E+00	0.1718E+03	0.8022E-01	0.1659E+03
4.	0.3308E+00	-0.1702E+03	0.1064E+00	0.1663E+03	0.5762E-01	0.1657E+03
5.	0.4365E+00	0.1348E+03	0.1123E+00	0.1118E+03	0.6256E-01	0.1158E+03
6.	0.2772E+00	0.1298E+03	0.6324E-01	0.1176E+03	0.3732E-01	0.1166E+03
7.	0.6552E-01	0.1741E+03	0.2912E-01	-0.4294E+02	0.1404E-01	-0.2083E+02
8.	0.9882E-01	0.1738E+03	0.1632E-01	0.1493E+03	0.8288E-02	0.1454E+03
9.	0.2665E+00	0.1643E+03	0.4849E-01	0.1395E+03	0.2495E-01	0.1475E+03
10.	0.3120E+00	0.1493E+03	0.7977E-01	0.1326E+03	0.4046E-01	0.1350E+03
11.	0.1363E+00	0.1350E+03	0.4877E-01	0.1040E+03	0.2760E-01	0.1096E+03
12.	0.2596E-01	0.1261E+03	0.1623E-01	-0.1399E+02	0.5739E-02	-0.7384E+01
13.	0.7410E-01	-0.1609E+03	0.1093E-01	-0.1157E+03	0.6832E-02	-0.9939E+02
14.	0.1607E+00	0.1799E+03	0.3329E-01	0.1566E+03	0.1631E-01	0.1549E+03
15.	0.1333E+00	0.1551E+03	0.3361E-01	0.1212E+03	0.1807E-01	0.1313E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1171E+02	0.0000E+00	0.1200E+02	0.0000E+00	0.1221E+02	0.0000E+00
1.	0.6701E+00	-0.8647E+02	0.4232E+00	-0.8588E+02	0.2531E+00	-0.8592E+02
2.	0.8320E-01	0.5927E+01	0.5104E-01	-0.1340E+01	0.2560E-01	-0.1428E+02
3.	0.4605E-01	0.1607E+03	0.2706E-01	0.1521E+03	0.1706E-01	0.1507E+03
4.	0.3848E-01	0.1596E+03	0.2708E-01	0.1618E+03	0.2092E-01	0.1523E+03
5.	0.3601E-01	0.1095E+03	0.1975E-01	0.9942E+02	0.1678E-01	0.8252E+02
6.	0.1768E-01	0.1022E+03	0.9012E-02	0.7949E+02	0.6962E-02	0.6166E+02
7.	0.1373E-01	-0.2369E+02	0.9164E-02	-0.1809E+02	0.9273E-02	-0.4022E+02
8.	0.6125E-02	0.1682E+03	0.4267E-02	0.1762E+03	0.4839E-02	0.1718E+03
9.	0.1070E-01	0.1443E+03	0.4750E-02	0.1346E+03	0.1750E-02	0.1318E+03
10.	0.2472E-01	0.1267E+03	0.1733E-01	0.1176E+03	0.1522E-01	0.9683E+02
11.	0.1934E-01	0.1038E+03	0.1337E-01	0.1038E+03	0.1478E-01	0.9682E+02
12.	0.4986E-02	-0.3118E+02	0.6795E-02	-0.5012E+02	0.8718E-02	-0.6632E+02
13.	0.5649E-02	-0.9465E+02	0.5706E-02	-0.8014E+02	0.6823E-02	-0.8553E+02
14.	0.7783E-02	0.1615E+03	0.4496E-02	0.1761E+03	0.3950E-02	0.1624E+03
15.	0.1128E-01	0.1144E+03	0.6116E-02	0.9705E+02	0.4551E-02	0.8259E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00	0.1253E+02	0.0000E+00	0.1284E+02	0.0000E+00
1.	0.1901E+00	-0.8458E+02	0.9021E-01	-0.8406E+02	0.2066E-01	0.9879E+02
2.	0.2264E-01	-0.4306E+02	0.1074E-01	-0.9600E+02	0.1762E-01	-0.1364E+03
3.	0.1593E-01	0.1648E+03	0.7726E-02	0.1468E+03	0.3948E-02	-0.1886E+03
4.	0.2289E-01	0.1449E+03	0.1173E-01	0.1490E+03	0.8837E-02	0.1478E+03
5.	0.1840E-01	0.6395E+02	0.9218E-02	0.4142E+02	0.9509E-02	0.3540E+02
6.	0.1017E-01	0.7074E+01	0.8000E-02	-0.3335E-01	0.1013E-01	-0.1549E+02
7.	0.1955E-01	-0.4525E+02	0.9440E-02	-0.4528E+02	0.1210E-01	-0.3501E+02
8.	0.3858E-02	-0.1510E+03	0.2799E-02	-0.1375E+03	0.3976E-02	-0.1231E+03
9.	0.3759E-02	0.1434E+02	0.3574E-02	0.4288E+02	0.2734E-02	0.8069E+01
10.	0.1676E-01	0.9533E+02	0.1026E-01	0.9203E+02	0.7392E-02	0.1061E+03
11.	0.1788E-01	0.7391E+02	0.9511E-02	0.7538E+02	0.8142E-02	0.8177E+02
12.	0.9365E-02	-0.5730E+02	0.5519E-02	-0.5093E+02	0.6902E-02	-0.1974E+02
13.	0.1010E-01	-0.7461E+02	0.6208E-02	-0.7346E+02	0.5293E-02	-0.4536E+02
14.	0.4398E-02	0.1747E+03	0.1356E-02	0.1302E+03	0.3217E-02	0.1607E+03
15.	0.9013E-02	0.8364E+02	0.5707E-02	0.6821E+02	0.4875E-02	0.1065E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9600E+01	0.0000E+00	0.9561E+01	0.0000E+00	0.1058E+02	0.0000E+00
1.	0.1857E+01	0.1097E+03	0.3577E+00	-0.1310E+03	0.8513E+00	-0.9482E+02
2.	0.5799E+00	0.2857E+02	0.4013E+00	0.1661E+02	0.3136E+00	-0.8349E+00
3.	0.4485E+00	-0.1753E+03	0.3007E+00	0.1710E+03	0.1561E+00	0.1596E+03
4.	0.5074E+00	-0.1788E+03	0.2510E+00	0.1771E+03	0.1337E+00	0.1631E+03
5.	0.3694E+00	0.1361E+03	0.1827E+00	0.1192E+03	0.1141E+00	0.1011E+03
6.	0.3670E+00	0.9145E+02	0.1755E+00	0.8823E+02	0.6597E-01	0.6810E+02
7.	0.1270E+00	0.3883E+02	0.4784E-01	0.1022E+02	0.7615E-01	-0.1578E+02
8.	0.1461E+00	-0.1055E+03	0.7814E-01	-0.1092E+03	0.4065E-01	-0.1180E+03
9.	0.1836E+00	-0.1521E+03	0.6822E-01	-0.1542E+03	0.2119E-01	-0.1294E+03
10.	0.2514E+00	0.1478E+03	0.1277E+00	0.1397E+03	0.7514E-01	0.1391E+03
11.	0.2331E+00	0.1169E+03	0.1094E+00	0.1154E+03	0.6939E-01	0.9648E+02
12.	0.5725E-01	0.3189E+02	0.2621E-01	-0.4568E+02	0.2349E-01	-0.4379E+02
13.	0.1353E+00	-0.6050E+02	0.8858E-01	-0.6010E+02	0.7449E-01	-0.5550E+02
14.	0.9962E-01	-0.1209E+03	0.4110E-01	-0.1188E+03	0.2900E-01	-0.1274E+03
15.	0.1334E+00	0.1518E+03	0.5684E-01	0.1311E+03	0.2910E-01	0.1198E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1109E+02	0.0000E+00	0.1148E+02	0.0000E+00	0.1175E+02	0.0000E+00
1.	0.8842E+00	-0.9044E+02	0.7411E+00	-0.9001E+02	0.4505E+00	-0.9104E+02
2.	0.2594E+00	-0.3249E+00	0.1817E+00	-0.1438E+02	0.1059E+00	-0.1697E+02
3.	0.9272E-01	0.1486E+03	0.5811E-01	0.1452E+03	0.3331E-01	0.1364E+03
4.	0.8867E-01	0.1585E+03	0.6152E-01	0.1441E+03	0.3305E-01	0.1458E+03
5.	0.5748E-01	0.1016E+03	0.5733E-01	0.9208E+02	0.2992E-01	0.1009E+03
6.	0.5784E-01	0.6885E+02	0.2701E-01	0.3152E+02	0.1948E-01	0.4839E+02
7.	0.3585E-01	-0.3201E+02	0.4418E-01	-0.2289E+02	0.1733E-01	-0.6362E+01
8.	0.2097E-01	-0.7908E+02	0.1914E-01	-0.1314E+03	0.7266E-02	-0.1319E+03
9.	0.8208E-02	-0.1471E+03	0.1492E-02	-0.1574E+03	0.2509E-02	0.1369E+03
10.	0.1208E+00	0.1604E+03	0.3018E-01	0.1406E+03	0.1441E-01	0.1254E+03
11.	0.5237E-01	0.1094E+03	0.4165E-01	0.8278E+02	0.2385E-01	0.8030E+02
12.	0.1697E-01	-0.4599E+02	0.1048E-01	-0.1681E+02	0.6833E-03	0.1014E+02
13.	0.2691E-01	-0.6910E+02	0.2746E-01	-0.6208E+02	0.1422E-01	-0.8092E+02
14.	0.2234E-01	-0.1264E+03	0.2239E-01	-0.1497E+03	0.1296E-01	-0.1360E+03
15.	0.2290E-01	0.9810E+02	0.1596E-01	0.1020E+03	0.7994E-02	0.5465E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1184E+02	0.0000E+00	0.1206E+02	0.0000E+00	0.1255E+02	0.0000E+00
1.	0.4086E+00	-0.8854E+02	0.1754E+00	-0.8615E+02	0.1226E+00	-0.7867E+02
2.	0.9052E-01	-0.2587E+02	0.3958E-01	-0.3308E+02	0.1837E-01	-0.4622E+02
3.	0.2767E-01	0.1434E+03	0.1883E-01	0.1248E+03	0.1173E-01	0.1275E+03
4.	0.4607E-01	0.1424E+03	0.2228E-01	0.1372E+03	0.1404E-01	0.1307E+03
5.	0.4233E-01	0.8577E+02	0.2297E-01	0.8795E+02	0.1677E-01	0.8438E+02
6.	0.2812E-01	0.5015E+02	0.1614E-01	0.5607E+02	0.1152E-01	0.5064E+02
7.	0.3071E-01	0.6792E+01	0.1043E-01	0.1231E+02	0.8154E-02	0.1060E+02
8.	0.1395E-01	0.1753E+03	0.8434E-02	0.1546E+03	0.7091E-02	0.1404E+03
9.	0.6846E-02	-0.1776E+03	0.6304E-02	0.1449E+03	0.7640E-02	0.1262E+03
10.	0.3307E-01	0.1460E+03	0.1777E-01	0.1324E+03	0.1438E-01	0.1330E+03
11.	0.3596E-01	0.1165E+03	0.2141E-01	0.1155E+03	0.1482E-01	0.1153E+03
12.	0.2128E-02	-0.2659E+02	0.5392E-02	0.1473E+03	0.4367E-02	0.1511E+03
13.	0.2198E-01	-0.1063E+03	0.1168E-01	-0.1218E+03	0.1064E-01	-0.1304E+03
14.	0.1800E-01	-0.1465E+03	0.1249E-01	-0.1444E+03	0.1057E-01	-0.1475E+03
15.	0.1357E-01	0.1532E+03	0.6367E-02	0.1583E+03	0.6347E-02	0.1547E+03



Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9808E+01	0.0000E+00	0.9897E+01	0.0000E+00	0.9884E+01	0.0000E+00
1.	0.8788E+00	0.1431E+03	0.1097E+01	-0.1033E+03	0.1580E+01	-0.9525E+02
2.	0.3420E+00	0.2480E+02	0.6161E+00	0.9923E+00	0.6998E+00	-0.4045E+01
3.	0.2193E+00	0.1701E+03	0.2798E+00	0.1138E+03	0.3235E+00	0.1007E+03
4.	0.2608E+00	0.1491E+03	0.2440E+00	0.1633E+03	0.2395E+00	0.1677E+03
5.	0.2165E+00	0.1218E+03	0.3700E-01	0.1194E+03	0.3834E-01	-0.5456E+02
6.	0.1938E+00	0.6821E+02	0.1422E+00	0.5032E+02	0.1587E+00	0.3688E+02
7.	0.1754E+00	0.2286E+02	0.7620E-01	0.2745E+02	0.7774E-01	0.7416E+02
8.	0.2938E-01	-0.5134E+02	0.4044E-01	-0.8470E+02	0.8986E-01	-0.1388E+03
9.	0.6042E-01	-0.1418E+03	0.2008E-01	-0.9469E+02	0.8334E-01	-0.7445E+02
10.	0.8634E-01	0.1378E+03	0.5100E-01	0.1300E+03	0.6004E-01	0.5398E+02
11.	0.1256E+00	0.8668E+02	0.6867E-01	0.8396E+02	0.9337E-01	0.9711E+02
12.	0.8645E-01	0.3619E+02	0.4491E-01	0.3537E+02	0.8884E-02	0.7237E+01
13.	0.7183E-01	-0.2542E+02	0.4771E-01	-0.6313E+02	0.4203E-01	-0.5712E+02
14.	0.4394E-01	-0.7677E+02	0.5661E-01	-0.6999E+02	0.3061E-01	-0.1232E+03
15.	0.1890E-01	0.1290E+03	0.2456E-01	0.6666E+02	0.1652E-01	-0.9873E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1074E+02	0.0000E+00	0.1177E+02	0.0000E+00	0.1206E+02	0.0000E+00
1.	0.8545E+00	-0.9463E+02	0.4618E+00	-0.9238E+02	0.3461E+00	-0.9037E+02
2.	0.2354E+00	-0.1809E+02	0.1214E+00	-0.3068E+02	0.9965E-01	-0.3781E+02
3.	0.2843E-01	0.1118E+03	0.1658E-01	0.1628E+03	0.1933E-01	0.1857E+03
4.	0.6414E-01	0.1025E+03	0.4712E-01	0.1203E+03	0.4675E-01	0.1260E+03
5.	0.8190E-01	0.9869E+02	0.5391E-01	0.9079E+02	0.4811E-01	0.8364E+02
6.	0.2482E-01	0.6842E+02	0.2872E-01	0.3530E+02	0.3235E-01	0.2015E+02
7.	0.6531E-01	-0.2012E+02	0.5122E-01	-0.1296E+02	0.5777E-01	-0.1516E+02
8.	0.1107E-01	-0.3522E+02	0.7286E-02	-0.8997E+02	0.1113E-01	-0.1010E+03
9.	0.1373E-01	-0.1639E+03	0.8543E-02	-0.1010E+03	0.7693E-02	-0.7183E+02
10.	0.1709E-01	0.1526E+03	0.1831E-01	0.1554E+03	0.1981E-01	0.1474E+03
11.	0.3688E-01	0.5947E+02	0.3194E-01	0.8024E+02	0.3519E-01	0.7849E+02
12.	0.2958E-01	0.2525E+02	0.2622E-01	0.2421E+02	0.2928E-01	0.1563E+02
13.	0.1691E-01	-0.7890E+02	0.2046E-01	-0.5758E+02	0.2426E-01	-0.5003E+02
14.	0.2935E-01	-0.1135E+03	0.1605E-01	-0.1166E+03	0.1569E-01	-0.1222E+03
15.	0.4217E-02	-0.2772E+02	0.6520E-02	0.1409E+03	0.1047E-01	0.1525E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1202E+02	0.0000E+00	0.1221E+02	0.0000E+00	0.1240E+02	0.0000E+00
1.	0.2310E+00	-0.9057E+02	0.1884E+00	-0.8894E+02	0.1345E+00	-0.8380E+02
2.	0.6982E-01	-0.3407E+02	0.5889E-01	-0.3362E+02	0.5285E-01	-0.4314E+02
3.	0.1350E-01	0.1611E+03	0.1272E-01	0.1783E+03	0.1194E-01	0.1691E+03
4.	0.2659E-01	0.1235E+03	0.2097E-01	0.1224E+03	0.2037E-01	0.1262E+03
5.	0.3096E-01	0.9274E+02	0.2827E-01	0.9447E+02	0.2890E-01	0.8979E+02
6.	0.2287E-01	0.3540E+02	0.1703E-01	0.3575E+02	0.1801E-01	0.3048E+02
7.	0.3079E-01	-0.1031E+02	0.2655E-01	-0.3783E+01	0.2834E-01	-0.1088E+02
8.	0.3330E-02	-0.6651E+02	0.1715E-02	-0.9041E+02	0.3038E-02	-0.1291E+03
9.	0.5573E-02	-0.1217E+03	0.3968E-02	-0.1118E+03	0.5561E-02	-0.1184E+03
10.	0.1075E-01	0.1524E+03	0.1038E-01	0.1467E+03	0.9422E-02	0.1485E+03
11.	0.2059E-01	0.7432E+02	0.1626E-01	0.7510E+02	0.1792E-01	0.7453E+02
12.	0.1815E-01	0.2768E+02	0.1449E-01	0.2359E+02	0.1691E-01	0.1853E+02
13.	0.1337E-01	-0.4667E+02	0.1031E-01	-0.5381E+02	0.1232E-01	-0.4673E+02
14.	0.1150E-01	-0.1142E+03	0.9718E-02	-0.1214E+03	0.1069E-01	-0.1279E+03
15.	0.3837E-02	0.1567E+03	0.4204E-02	-0.1705E+03	0.5183E-02	0.1405E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.80		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1250E+02	0.0000E+00	0.1226E+02	0.0000E+00	0.1324E+02	0.0000E+00
1.	0.1053E+00	-0.8592E+02	0.6513E-01	-0.7377E+02	0.1004E+00	0.7849E+02
2.	0.4612E-01	-0.5819E+02	0.2777E-01	-0.6900E+02	0.4628E-01	-0.1309E+03
3.	0.1191E-01	0.1643E+03	0.6910E-02	0.1605E+03	0.1387E-01	-0.1243E+03
4.	0.1764E-01	0.1298E+03	0.7768E-02	0.1276E+03	0.2778E-01	0.1237E+03
5.	0.2709E-01	0.7954E+02	0.1436E-01	0.7827E+02	0.1482E-01	0.5727E+02
6.	0.1703E-01	0.2648E+02	0.1145E-01	0.2954E+02	0.2702E-01	-0.1253E+02
7.	0.2584E-01	-0.1646E+02	0.1628E-01	-0.2212E+02	0.3065E-01	-0.4048E+02
8.	0.4143E-02	-0.1161E+03	0.1618E-02	-0.1421E+02	0.8640E-02	-0.9203E+02
9.	0.5157E-02	-0.1054E+03	0.4339E-03	-0.1670E+03	0.1389E-02	0.1250E+03
10.	0.9732E-02	0.1526E+03	0.3795E-02	0.1482E+03	0.2426E-02	-0.1776E+03
11.	0.1842E-01	0.7157E+02	0.1059E-01	0.6568E+02	0.2497E-01	0.5992E+02
12.	0.1524E-01	0.1981E+02	0.1060E-01	0.2577E+02	0.1423E-01	-0.3083E+02
13.	0.1036E-01	-0.3963E+02	0.4995E-02	-0.5701E+02	0.1612E-01	-0.6311E+02
14.	0.8470E-02	-0.1344E+03	0.7234E-02	-0.1353E+03	0.1904E-01	-0.1621E+03
15.	0.7363E-02	0.1560E+03	0.2632E-02	0.1694E+03	0.5212E-02	0.6528E+02

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1051E+02	0.0000E+00	0.8918E+01	0.0000E+00	0.9181E+01	0.0000E+00
1.	0.2476E+01	0.1117E+03	0.8901E+00	0.1450E+03	0.1289E+01	-0.1058E+03
2.	0.6854E+00	0.3181E+02	0.3458E+00	0.3287E+02	0.5890E+00	-0.1932E+01
3.	0.1012E+00	-0.1720E+03	0.2089E+00	0.1776E+03	0.1508E+00	0.1343E+03
4.	0.3898E+00	0.1658E+03	0.2919E+00	0.1483E+03	0.1008E+00	0.1257E+03
5.	0.3927E+00	0.1489E+03	0.2645E+00	0.1293E+03	0.2091E+00	0.9798E+02
6.	0.3112E+00	0.8559E+02	0.2147E+00	0.6711E+02	0.1051E+00	0.9089E+02
7.	0.3425E+00	0.3582E+02	0.2101E+00	0.2756E+02	0.9334E-01	-0.4468E+01
8.	0.1913E+00	-0.1866E+01	0.8503E-01	-0.2574E+01	0.5421E-01	0.3225E+02
9.	0.1469E+00	-0.1062E+03	0.7194E-01	-0.1280E+03	0.6260E-01	-0.1334E+03
10.	0.1740E+00	-0.1721E+03	0.8720E-01	0.1628E+03	0.1021E-01	-0.1647E+03
11.	0.1781E+00	0.1173E+03	0.9768E-01	0.9092E+02	0.7382E-01	0.6759E+02
12.	0.1959E+00	0.6230E+02	0.9827E-01	0.4166E+02	0.3671E-01	0.3010E+02
13.	0.1898E+00	0.6790E+01	0.9890E-01	-0.1181E+02	0.6861E-01	-0.2260E+02
14.	0.1595E+00	-0.5182E+02	0.7842E-01	-0.6740E+02	0.4090E-01	-0.8010E+02
15.	0.1070E+00	-0.1116E+03	0.3481E-01	-0.1300E+03	0.2287E-01	-0.1297E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1008E+02	0.0000E+00	0.1095E+02	0.0000E+00	0.1093E+02	0.0000E+00
1.	0.1447E+01	-0.9871E+02	0.1019E+01	-0.9558E+02	0.7844E+00	-0.9505E+02
2.	0.7893E+00	-0.9803E+01	0.4307E+00	-0.7927E+01	0.1886E+00	-0.2462E+02
3.	0.4080E+00	0.8525E+02	0.1850E+00	0.9856E+02	0.4807E-01	-0.1104E+03
4.	0.3523E+00	0.1547E+03	0.2051E+00	0.1611E+03	0.8050E-01	0.7220E+02
5.	0.9231E-01	-0.1363E+03	0.7602E-01	-0.1002E+03	0.1330E+00	0.9998E+02
6.	0.1445E+00	0.1909E+02	0.1992E+00	0.1438E+02	0.2179E-01	0.1089E+03
7.	0.4905E-01	0.4364E+02	0.1734E+00	0.7524E+02	0.7473E-01	-0.2058E+02
8.	0.5815E-01	-0.4273E+02	0.1488E+00	-0.1724E+03	0.3368E-01	0.3642E+02
9.	0.4753E-01	0.6244E+01	0.1693E+00	-0.8358E+02	0.2353E-01	-0.1739E+03
10.	0.8530E-01	0.1254E+03	0.1272E+00	0.1673E+02	0.2290E-01	-0.1551E+03
11.	0.2186E-01	0.1319E+03	0.1604E+00	0.1005E+03	0.3105E-01	0.6151E+02
12.	0.3726E-01	0.1504E+02	0.8147E-01	-0.1667E+03	0.3560E-01	0.3493E+02
13.	0.2502E-01	-0.6818E+02	0.1161E+00	-0.5873E+02	0.1834E-01	-0.4863E+02
14.	0.9005E-01	-0.8629E+02	0.6346E-01	0.5467E+01	0.3667E-01	-0.9574E+02
15.	0.4218E-01	-0.1001E+02	0.5729E-01	0.1348E+03	0.1002E-01	-0.9820E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1154E+02	0.0000E+00	0.1160E+02	0.0000E+00	0.1231E+02	0.0000E+00
1.	0.4460E+00	-0.9163E+02	0.3038E+00	-0.8974E+02	0.2045E+00	-0.8769E+02
2.	0.1116E+00	-0.3268E+02	0.8607E-01	-0.4088E+02	0.6297E-01	-0.3599E+02
3.	0.3654E-01	-0.1347E+03	0.3684E-01	-0.1363E+03	0.2176E-01	-0.1390E+03
4.	0.4880E-01	0.9940E+02	0.4224E-01	0.1058E+03	0.2518E-01	0.9532E+02
5.	0.7312E-01	0.9083E+02	0.6129E-01	0.8829E+02	0.4287E-01	0.9628E+02
6.	0.2861E-01	0.3174E+02	0.3217E-01	0.1786E+02	0.1932E-01	0.4160E+02
7.	0.5059E-01	-0.1063E+02	0.4595E-01	-0.8314E+01	0.2884E-01	0.3371E+01
8.	0.1781E-01	0.4821E+02	0.2085E-01	0.6155E+02	0.1124E-01	0.7116E+02
9.	0.1422E-01	-0.1668E+03	0.1118E-01	-0.1676E+03	0.1316E-01	-0.1712E+03
10.	0.1668E-01	0.1621E+03	0.1530E-01	0.1668E+03	0.1264E-01	0.1585E+03
11.	0.2088E-01	0.8749E+02	0.1745E-01	0.8939E+02	0.1009E-01	0.9550E+02
12.	0.2384E-01	0.1959E+02	0.2176E-01	0.1969E+02	0.1509E-01	0.1332E+02
13.	0.2253E-01	-0.3296E+02	0.2356E-01	-0.2971E+02	0.1473E-01	-0.2632E+02
14.	0.2783E-01	-0.1060E+03	0.2496E-01	-0.1053E+03	0.1613E-01	-0.9822E+02
15.	0.1016E-01	-0.1366E+03	0.7921E-02	-0.1568E+03	0.8083E-02	-0.1400E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1263E+02	0.0000E+00	0.1298E+02	0.0000E+00	0.1229E+02	0.0000E+00
1.	0.1104E+00	-0.8107E+02	0.9533E-01	-0.7491E+02	0.7381E-01	-0.7046E+02
2.	0.4382E-01	-0.5010E+02	0.4316E-01	-0.4930E+02	0.3780E-01	-0.5178E+02
3.	0.2168E-01	-0.1339E+03	0.2097E-01	-0.1440E+03	0.1131E-01	-0.1680E+03
4.	0.2180E-01	0.1013E+03	0.1869E-01	0.1085E+03	0.1508E-01	0.1036E+03
5.	0.3393E-01	0.9192E+02	0.3320E-01	0.9169E+02	0.2468E-01	0.8222E+02
6.	0.1680E-01	0.1908E+02	0.1968E-01	0.1733E+02	0.1482E-01	0.2439E+02
7.	0.2391E-01	0.2614E+01	0.2377E-01	-0.2333E+01	0.2515E-01	-0.1662E+02
8.	0.1141E-01	0.8325E+02	0.1498E-01	0.8053E+02	0.2034E-02	-0.1204E+03
9.	0.1208E-01	-0.1722E+03	0.9061E-02	-0.1771E+03	0.5960E-02	-0.1558E+03
10.	0.8092E-02	0.1680E+03	0.7311E-02	0.1614E+03	0.9753E-02	0.1337E+03
11.	0.7999E-02	0.1000E+03	0.7911E-02	0.7943E+02	0.1392E-01	0.7057E+02
12.	0.1310E-01	-0.2510E+01	0.1051E-01	0.2216E+02	0.1384E-01	-0.1027E+01
13.	0.1302E-01	-0.2914E+02	0.1179E-01	-0.2578E+02	0.1207E-01	-0.5986E+02
14.	0.1290E-01	-0.1021E+03	0.1466E-01	-0.1012E+03	0.1062E-01	-0.1317E+03
15.	0.6494E-02	-0.1423E+03	0.7523E-02	-0.1466E+03	0.5079E-02	0.1564E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1281E+02	0.0000E+00
1.	0.3956E-01	0.3090E+02
2.	0.2357E-01	-0.7015E+02
3.	0.8129E-02	-0.1765E+03
4.	0.7501E-02	0.1094E+03
5.	0.1629E-01	0.8164E+02
6.	0.1044E-01	0.2169E+02
7.	0.1744E-01	-0.1824E+02
8.	0.1758E-02	0.1785E+03
9.	0.3624E-02	-0.1669E+03
10.	0.6030E-02	0.1365E+03
11.	0.8951E-02	0.6101E+02
12.	0.1118E-01	-0.1038E+02
13.	0.6373E-02	-0.5895E+02
14.	0.7343E-02	-0.1343E+03
15.	0.4577E-02	0.1521E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.09	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1135E+02	0.0000E+00	0.8235E+01	0.0000E+00	0.9592E+01	0.0000E+00
1.	0.2950E+01	0.1130E+03	0.1329E+01	0.1789E+03	0.1082E+01	-0.1177E+03
2.	0.6700E+00	0.3724E+02	0.5083E+00	0.2185E+02	0.4188E+00	-0.9321E+01
3.	0.9582E-01	0.1707E+03	0.3189E+00	0.1403E+03	0.8567E-01	0.1416E+03
4.	0.4245E+00	0.1614E+03	0.5119E+00	0.1509E+03	0.1394E+00	0.1248E+03
5.	0.3902E+00	0.1519E+03	0.4283E+00	0.1363E+03	0.1672E+00	0.1072E+03
6.	0.2566E+00	0.9306E+02	0.3561E+00	0.8791E+02	0.1226E+00	0.7311E+02
7.	0.3072E+00	0.3832E+02	0.3019E+00	0.4906E+02	0.1005E+00	0.2838E+02
8.	0.1812E+00	0.9017E+01	0.1273E+00	0.1519E+02	0.3728E-01	0.2665E+02
9.	0.1108E+00	-0.8909E+02	0.1004E+00	-0.9667E+02	0.4281E-01	-0.1202E+03
10.	0.1574E+00	-0.1552E+03	0.1357E+00	-0.1627E+03	0.4780E-01	-0.1570E+03
11.	0.1301E+00	0.1442E+03	0.1144E+00	0.1248E+03	0.3134E-01	0.9051E+02
12.	0.1391E+00	0.7539E+02	0.1270E+00	0.5826E+02	0.5884E-01	0.3597E+02
13.	0.1502E+00	0.2420E+02	0.1287E+00	0.6526E+01	0.6171E-01	-0.3043E+01
14.	0.1266E+00	-0.3181E+02	0.1101E+00	-0.5917E+02	0.4489E-01	-0.4665E+02
15.	0.1084E+00	-0.8446E+02	0.9417E-01	-0.1171E+03	0.1988E-01	-0.1486E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1015E+02	0.0000E+00	0.1112E+02	0.0000E+00	0.1200E+02	0.0000E+00
1.	0.1793E+01	-0.9961E+02	0.6804E+00	-0.9401E+02	0.4696E+00	-0.8857E+02
2.	0.8146E+00	-0.1319E+02	0.9606E-01	-0.3704E+02	0.9423E-01	-0.3808E+02
3.	0.3133E+00	0.8359E+02	0.1213E+00	-0.1243E+03	0.7909E-01	-0.1379E+03
4.	0.2074E+00	0.1464E+03	0.4984E-01	0.5623E+02	0.4754E-01	0.1039E+03
5.	0.8577E-01	0.8359E+02	0.1141E+00	0.8099E+02	0.8530E-01	0.7796E+02
6.	0.1111E+00	0.7936E+02	0.6118E-01	0.2499E+02	0.5857E-01	0.1479E+02
7.	0.4809E-01	-0.8644E+02	0.8559E-01	-0.2118E+01	0.7334E-01	-0.1726E+02
8.	0.8092E-01	-0.1582E+02	0.5003E-01	0.6971E+02	0.4974E-01	0.4708E+02
9.	0.1376E-01	0.7701E+02	0.3840E-01	-0.1313E+03	0.6083E-02	-0.1175E+03
10.	0.4671E-01	-0.1554E+03	0.1406E-01	-0.1019E+03	0.1943E-01	0.1569E+03
11.	0.4503E-01	0.3545E+02	0.4670E-01	0.6935E+02	0.2617E-01	0.1082E+03
12.	0.6458E-01	0.6378E+02	0.3121E-01	0.5859E+02	0.2295E-01	0.1251E+02
13.	0.2625E-01	-0.5881E+02	0.2882E-01	-0.3762E+02	0.3184E-01	-0.1611E+02
14.	0.5258E-01	-0.5321E+02	0.4343E-01	-0.7430E+02	0.3573E-01	-0.9122E+02
15.	0.2758E-01	0.1469E+03	0.1406E-01	0.1705E+03	0.1991E-01	-0.1768E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1218E+02	0.0000E+00	0.1231E+02	0.0000E+00	0.1240E+02	0.0000E+00
1.	0.3063E+00	-0.8142E+02	0.1975E+00	-0.6480E+02	0.1559E+00	-0.5778E+02
2.	0.6635E-01	-0.5898E+02	0.4090E-01	-0.4749E+02	0.3821E-01	-0.4066E+02
3.	0.7695E-01	-0.1346E+03	0.2642E-01	-0.1450E+03	0.2528E-01	-0.1444E+03
4.	0.4327E-01	0.1066E+03	0.1387E-01	0.1046E+03	0.1068E-01	0.1078E+03
5.	0.6739E-01	0.7389E+02	0.2953E-01	0.7952E+02	0.2568E-01	0.8027E+02
6.	0.6473E-01	0.3915E+01	0.2159E-01	0.1392E+02	0.2003E-01	0.1680E+02
7.	0.6630E-01	-0.1494E+02	0.3045E-01	-0.1695E+02	0.2511E-01	-0.1677E+02
8.	0.5635E-01	0.5485E+02	0.7887E-02	0.2938E+02	0.8962E-02	0.3293E+02
9.	0.7078E-02	-0.1341E+03	0.4962E-02	-0.1038E+03	0.4321E-02	-0.1170E+03
10.	0.1615E-01	0.1463E+03	0.9853E-02	0.1418E+03	0.8503E-02	0.1407E+03
11.	0.2074E-01	0.1014E+03	0.1390E-01	0.8789E+02	0.1101E-01	0.5644E+02
12.	0.1771E-01	0.2428E+01	0.1483E-01	-0.3678E+01	0.1158E-01	-0.1024E+02
13.	0.2863E-01	-0.1778E+02	0.1670E-01	-0.4650E+02	0.1514E-01	-0.4343E+02
14.	0.3436E-01	-0.8663E+02	0.1079E-01	-0.1075E+03	0.1011E-01	-0.9725E+02
15.	0.1880E-01	-0.1683E+03	0.6467E-02	0.1535E+03	0.6749E-02	0.1547E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.70	AMPLITUDE	FRACTN OF CHORD 0.92	AMPLITUDE
0.	0.1259E+02	0.0000E+00	0.1307E+02	0.0000E+00
1.	0.1050E+00	-0.1532E+02	0.1246E+00	0.6359E+02
2.	0.2587E-01	-0.4289E+02	0.1237E-01	-0.9957E+02
3.	0.1492E-01	-0.1572E+03	0.1100E-01	-0.1260E+03
4.	0.9589E-02	0.1290E+03	0.9668E-02	0.1520E+03
5.	0.2073E-01	0.7357E+02	0.9721E-02	0.7236E+02
6.	0.1351E-01	0.1825E+02	0.8922E-02	-0.2743E+02
7.	0.2403E-01	-0.2178E+02	0.1786E-01	-0.2938E+02
8.	0.4801E-02	-0.1204E+03	0.2835E-02	-0.1543E+03
9.	0.3165E-02	-0.8592E+02	0.1945E-02	-0.6229E+02
10.	0.8229E-02	0.1428E+03	0.4083E-02	0.1417E+03
11.	0.1349E-01	0.7150E+02	0.9391E-02	0.6761E+02
12.	0.1322E-01	-0.7160E+01	0.1075E-01	-0.2063E+02
13.	0.1087E-01	-0.5994E+02	0.8602E-02	-0.7251E+02
14.	0.6639E-02	-0.1464E+03	0.5616E-02	-0.1709E+03
15.	0.6948E-02	0.1284E+03	0.6597E-02	0.1292E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1098E+02	0.0000E+00	0.9038E+01	0.0000E+00	0.8940E+01	0.0000E+00
1.	0.2379E+01	0.1134E+03	0.9771E+00	0.1521E+03	0.1272E+01	-0.1150E+03
2.	0.4552E+00	0.3518E+02	0.2604E+00	0.2803E+02	0.3622E+00	-0.1459E+02
3.	0.1326E+00	0.1422E+03	0.2021E+00	0.1473E+03	0.1158E+00	0.1673E+03
4.	0.3640E+00	0.1455E+03	0.3299E+00	0.1310E+03	0.9272E-01	0.1104E+03
5.	0.3308E+00	0.1425E+03	0.2639E+00	0.1262E+03	0.1337E+00	0.9670E+02
6.	0.1997E+00	0.8437E+02	0.1795E+00	0.6464E+02	0.8515E-01	0.4571E+02
7.	0.2433E+00	0.2265E+02	0.1998E+00	0.1337E+02	0.1272E+00	-0.1458E+01
8.	0.1449E+00	-0.1411E+02	0.9340E-01	-0.1996E+02	0.3773E-01	-0.1348E+02
9.	0.7948E-01	-0.1052E+03	0.4834E-01	-0.1358E+03	0.1078E-01	-0.1259E+03
10.	0.1261E+00	-0.1766E+03	0.7313E-01	0.1606E+03	0.4100E-01	0.1147E+03
11.	0.9688E-01	0.1321E+03	0.6875E-01	0.9525E+02	0.4611E-01	0.8604E+02
12.	0.1059E+00	0.4221E+02	0.8503E-01	0.1025E+02	0.4565E-01	0.5513E+01
13.	0.1289E+00	-0.8993E-01	0.9801E-01	-0.2922E+02	0.4603E-01	-0.4379E+02
14.	0.1027E+00	-0.6207E+02	0.7296E-01	-0.8993E+02	0.3712E-01	-0.1090E+03
15.	0.9142E-01	-0.1169E+03	0.4495E-01	-0.1358E+03	0.2033E-01	-0.1644E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1015E+02	0.0000E+00	0.1109E+02	0.0000E+00	0.1207E+02	0.0000E+00
1.	0.1529E+01	-0.1042E+03	0.6919E+00	-0.8994E+02	0.3816E+00	-0.8128E+02
2.	0.8530E+00	-0.2420E+02	0.1280E+00	-0.1883E+02	0.8018E-01	-0.3157E+02
3.	0.4775E+00	0.5788E+02	0.6808E-01	-0.1463E+03	0.4272E-01	-0.1495E+03
4.	0.4101E+00	0.1252E+03	0.3244E-01	0.3998E+02	0.3074E-01	0.8455E+02
5.	0.1786E+00	-0.1752E+03	0.7694E-01	0.6279E+02	0.4337E-01	0.6457E+02
6.	0.7464E-01	-0.3581E+02	0.4398E-01	0.6378E+02	0.2509E-01	0.2658E+02
7.	0.4894E-01	-0.8347E+01	0.4294E-01	-0.1694E+02	0.4996E-01	-0.2430E+02
8.	0.9714E-01	-0.1049E+03	0.2076E-01	-0.9084E+02	0.1778E-01	-0.8419E+02
9.	0.1093E+00	-0.3503E+02	0.1475E-01	-0.8175E+02	0.9768E-02	-0.6429E+02
10.	0.1147E+00	0.6302E+02	0.1613E-01	0.1129E+03	0.1409E-01	0.1214E+03
11.	0.8879E-01	0.1156E+03	0.2440E-01	0.7338E+02	0.1973E-01	0.7242E+02
12.	0.1170E-01	-0.7105E+02	0.2989E-01	0.5848E+01	0.2714E-01	-0.5919E+01
13.	0.1827E-01	-0.8068E+02	0.2671E-01	-0.5699E+02	0.2969E-01	-0.5748E+02
14.	0.6898E-01	-0.1542E+03	0.1284E-01	-0.1142E+03	0.1099E-01	-0.1107E+03
15.	0.6597E-01	-0.1020E+03	0.1820E-01	0.1332E+03	0.1623E-01	0.1065E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1207E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1224E+02	0.0000E+00
1.	0.1405E+00	-0.4052E+02	0.1368E+00	-0.2470E+02	0.1423E+00	-0.1190E+02
2.	0.3806E-01	-0.2953E+02	0.3161E-01	-0.3055E+02	0.2849E-01	-0.3677E+02
3.	0.2331E-01	-0.1694E+03	0.2342E-01	-0.1588E+03	0.2496E-01	-0.1558E+03
4.	0.1457E-01	0.7328E+02	0.9090E-02	0.8098E+02	0.6620E-02	0.8607E+02
5.	0.1832E-01	0.7082E+02	0.1670E-01	0.8140E+02	0.1581E-01	0.7725E+02
6.	0.1278E-01	0.3009E+02	0.8682E-02	0.3608E+02	0.9213E-02	0.2138E+02
7.	0.2191E-01	-0.3778E+02	0.2114E-01	-0.2060E+02	0.2039E-01	-0.2255E+02
8.	0.5757E-02	-0.9917E+02	0.6097E-02	-0.1034E+03	0.6789E-02	-0.1054E+03
9.	0.4363E-02	-0.1257E+03	0.3589E-02	-0.1090E+03	0.3094E-02	-0.9754E+02
10.	0.6805E-02	0.1039E+03	0.5668E-02	0.1298E+03	0.6228E-02	0.1213E+03
11.	0.8827E-02	0.4392E+02	0.6965E-02	0.7378E+02	0.6915E-02	0.5572E+02
12.	0.9206E-02	-0.3732E+02	0.9406E-02	-0.1101E+02	0.8837E-02	-0.2307E+02
13.	0.1280E-01	-0.9174E+02	0.1093E-01	-0.5904E+02	0.9885E-02	-0.7002E+02
14.	0.5938E-02	-0.1532E+03	0.4784E-02	-0.1345E+03	0.4173E-02	-0.1404E+03
15.	0.4820E-02	0.1183E+03	0.4389E-02	0.1359E+03	0.4219E-02	0.1219E+03

Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.70	AMPLITUDE	FRACTN OF CHORD 0.92	AMPLITUDE
0.	0.1247E+02	0.0000E+00	0.1255E+02	0.0000E+00
1.	0.1298E+00	0.1541E+02	0.1968E+00	0.6054E+02
2.	0.2493E-01	-0.2675E+02	0.8781E-02	0.5277E+01
3.	0.2019E-01	-0.1465E+03	0.1858E-01	-0.1201E+03
4.	0.3408E-02	0.1324E+03	0.9597E-02	0.1703E+03
5.	0.1148E-01	0.8849E+02	0.6322E-02	0.1226E+03
6.	0.6697E-02	0.3752E+02	0.3659E-02	-0.5414E+02
7.	0.1600E-01	-0.2333E+02	0.1378E-01	-0.2877E+02
8.	0.4373E-02	-0.9752E+02	0.3010E-02	-0.1229E+03
9.	0.2986E-02	-0.8000E+02	0.2429E-02	-0.6106E+02
10.	0.4233E-02	0.1234E+03	0.4221E-02	0.1465E+03
11.	0.4371E-02	0.7068E+02	0.2156E-02	0.6222E+02
12.	0.6497E-02	-0.1720E+02	0.6373E-02	-0.4090E+02
13.	0.7804E-02	-0.6667E+02	0.5314E-02	-0.7384E+02
14.	0.3635E-02	-0.1437E+03	0.4130E-02	0.1765E+03
15.	0.3677E-02	0.1210E+03	0.5803E-02	0.9849E+02



Table IV-10a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1219E+02	0.0000E+00	0.9978E+01	0.0000E+00	0.9707E+01	0.0000E+00
1.	0.2026E+01	0.1204E+03	0.1008E+01	0.1709E+03	0.1642E+01	-0.1183E+03
2.	0.3054E+00	0.4353E+02	0.1316E+00	0.3513E+02	0.6228E+00	-0.3201E+02
3.	0.1286E+00	0.1368E+03	0.1780E+00	0.1573E+03	0.1035E+00	0.4511E+02
4.	0.3088E+00	0.1479E+03	0.2585E+00	0.1413E+03	0.1368E+00	0.9586E+02
5.	0.2642E+00	0.1468E+03	0.2071E+00	0.1343E+03	0.1477E+00	0.9503E+02
6.	0.1355E+00	0.8654E+02	0.1108E+00	0.6711E+02	0.7548E-01	0.4375E+02
7.	0.1847E+00	0.2850E+02	0.1532E+00	0.2208E+02	0.1245E+00	0.1259E+02
8.	0.1290E+00	0.1345E+02	0.9637E-01	0.1978E+02	0.9122E-01	0.7231E+02
9.	0.4845E-01	-0.1018E+03	0.2579E-01	-0.1160E+03	0.7821E-01	-0.1622E+03
10.	0.1053E+00	-0.1893E+03	0.6624E-01	0.1775E+03	0.4836E-01	-0.1322E+03
11.	0.8963E-01	0.1457E+03	0.5736E-01	0.1213E+03	0.2595E-01	0.7885E+02
12.	0.7698E-01	0.6831E+02	0.6408E-01	0.4710E+02	0.2962E-01	0.1308E+02
13.	0.9612E-01	0.1586E+02	0.7253E-01	0.6897E+01	0.5988E-01	-0.1987E+02
14.	0.7125E-01	-0.4301E+02	0.5132E-01	-0.5834E+02	0.3996E-01	-0.5679E+02
15.	0.6149E-01	-0.1053E+03	0.4037E-01	-0.1208E+03	0.1460E-01	-0.1324E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1059E+02	0.0000E+00	0.1136E+02	0.0000E+00	0.1138E+02	0.0000E+00
1.	0.7876E+00	-0.1073E+03	0.7108E+00	-0.9815E+02	0.6157E+00	-0.9242E+02
2.	0.2683E+00	-0.2367E+02	0.1902E+00	-0.2368E+02	0.1441E+00	-0.2380E+02
3.	0.7268E-01	0.1086E+03	0.4173E-01	0.1651E+03	0.3780E-01	-0.1673E+03
4.	0.9480E-01	0.1403E+03	0.4048E-01	0.1302E+03	0.2496E-01	0.1143E+03
5.	0.2358E-01	0.1241E+03	0.4708E-01	0.7064E+02	0.4549E-01	0.7565E+02
6.	0.7550E-01	0.4449E+01	0.6118E-01	0.2028E+02	0.4787E-01	0.1963E+02
7.	0.6789E-01	0.1129E+02	0.4719E-01	0.3859E+01	0.3880E-01	-0.4296E+01
8.	0.2335E-01	0.5087E+02	0.2250E-01	0.4107E+02	0.2674E-01	0.3276E+02
9.	0.2231E-01	-0.1083E+03	0.2296E-01	-0.9841E+02	0.1806E-01	-0.9689E+02
10.	0.1135E-01	0.1317E+03	0.9487E-02	0.1003E+03	0.8865E-02	0.1195E+03
11.	0.3291E-01	0.5504E+02	0.3252E-01	0.5085E+02	0.2858E-01	0.4287E+02
12.	0.2077E-01	0.1545E+02	0.1587E-01	0.1151E+02	0.1301E-01	0.9958E+01
13.	0.3085E-01	-0.4631E+02	0.3062E-01	-0.4772E+02	0.2715E-01	-0.4147E+02
14.	0.3104E-01	-0.9274E+02	0.2781E-01	-0.8879E+02	0.2294E-01	-0.9570E+02
15.	0.2524E-02	-0.1507E+03	0.4970E-02	0.1519E+03	0.5917E-02	0.1577E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1191E+02	0.0000E+00	0.1232E+02	0.0000E+00	0.1231E+02	0.0000E+00
1.	0.3733E+00	-0.6252E+02	0.2570E+00	-0.4663E+02	0.1989E+00	-0.5555E+01
2.	0.6755E-01	-0.2512E+02	0.5278E-01	-0.2780E+02	0.5372E-01	-0.1508E+02
3.	0.4905E-01	-0.1811E+03	0.5620E-01	-0.1513E+03	0.4203E-01	-0.1703E+03
4.	0.3451E-01	0.1149E+03	0.4264E-01	0.1180E+03	0.2504E-01	0.1034E+03
5.	0.4676E-01	0.7785E+02	0.4675E-01	0.8348E+02	0.1720E-01	0.9983E+02
6.	0.3405E-01	0.1777E+02	0.3559E-01	0.9452E+01	0.1554E-01	0.7939E+02
7.	0.3735E-01	-0.1007E+02	0.4191E-01	-0.7968E+01	0.2049E-01	0.7722E+00
8.	0.2153E-01	0.4038E+02	0.3090E-01	0.3848E+02	0.6753E-02	-0.4788E+02
9.	0.1004E-01	-0.7373E+02	0.7747E-02	-0.8212E+02	0.6888E-02	-0.7415E+02
10.	0.6636E-02	0.1670E+03	0.8274E-02	0.1730E+03	0.4810E-02	0.1519E+03
11.	0.1489E-01	0.8721E+02	0.1404E-01	0.9358E+02	0.9436E-02	0.7307E+02
12.	0.1074E-01	0.2776E+02	0.1125E-01	0.3192E+02	0.5820E-02	0.1509E+02
13.	0.2303E-01	-0.2860E+02	0.2430E-01	-0.3196E+02	0.7500E-02	-0.5631E+02
14.	0.1717E-01	-0.9015E+02	0.1882E-01	-0.9949E+02	0.3477E-02	-0.6915E+02
15.	0.6873E-02	0.1732E+03	0.6329E-02	-0.1721E+03	0.1919E-02	-0.1325E+02

Table IV-10a. Concluded

HARMONIC	FRACTN RADIUS 0.99		FRACTN RADIUS 0.99		FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.60		FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1225E+02	0.0000E+00	0.1239E+02	0.0000E+00	0.1213E+02	0.0000E+00
1.	0.2403E+00	0.1740E+02	0.3219E+00	0.3989E+02	0.8942E+00	0.4201E+02
2.	0.7615E-01	-0.2177E+02	0.1564E+00	-0.3200E+02	0.3477E+00	-0.9297E+02
3.	0.6250E-01	-0.1629E+03	0.1156E+00	-0.1645E+03	0.1022E+00	0.1283E+03
4.	0.3432E-01	0.1041E+03	0.5326E-01	0.7935E+02	0.8842E-02	-0.1485E+03
5.	0.1272E-01	0.8206E+02	0.1085E-01	-0.6013E+02	0.2951E-01	0.1518E+03
6.	0.1058E-01	0.1077E+03	0.2081E-01	0.1517E+03	0.2437E-01	0.5559E+02
7.	0.1968E-01	0.9508E+01	0.2174E-01	0.4133E+02	0.2416E-01	-0.4453E+02
8.	0.9000E-02	-0.3139E+02	0.1605E-01	-0.2801E+02	0.3952E-02	-0.1772E+03
9.	0.1165E-01	-0.8458E+02	0.1351E-01	-0.8567E+02	0.8799E-02	0.1150E+02
10.	0.5638E-02	0.1623E+03	0.7004E-02	0.1460E+03	0.4314E-02	-0.1051E+02
11.	0.9863E-02	0.8302E+02	0.3774E-02	0.9814E+02	0.7767E-02	-0.1506E+03
12.	0.4294E-02	0.3211E+02	0.3440E-02	0.4639E+02	0.7765E-02	0.1229E+03
13.	0.6320E-02	-0.4158E+02	0.7433E-02	0.1745E+01	0.9615E-02	0.3778E+02
14.	0.4240E-02	-0.5981E+02	0.3687E-02	-0.8369E+01	0.6657E-02	-0.1939E+02
15.	0.3157E-02	-0.3754E+02	0.4737E-02	-0.4195E+02	0.4499E-02	-0.1154E+03

Table IV-10b. Harmonic pressure data for 103 KTAS, 200 FPM R/S, bottom surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1320E+02	0.0000E+00	0.1312E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.9086E+00	0.8696E+02	0.3122E+00	0.1028E+03	0.6310E-01	0.1654E+03
2.	0.1075E+00	-0.9777E+02	0.1720E+00	-0.5289E+02	0.1380E+00	-0.4178E+02
3.	0.8522E-02	0.1586E+03	0.2717E-01	0.2004E+01	0.2287E-01	0.3864E+01
4.	0.1787E-01	-0.1769E+02	0.2507E-01	-0.4341E+02	0.1689E-01	-0.4821E+02
5.	0.3153E-01	0.7730E+01	0.2408E-01	-0.1566E+02	0.1328E-01	-0.3403E+02
6.	0.7130E-02	-0.1353E+02	0.1523E-01	0.8951E+02	0.1420E-01	0.9246E+02
7.	0.2952E-01	-0.1135E+03	0.3283E-01	-0.1742E+03	0.2692E-01	0.1719E+03
8.	0.3123E-01	-0.7763E+02	0.2983E-01	-0.1401E+03	0.2392E-01	-0.1597E+03
9.	0.2284E-01	-0.4950E+02	0.1685E-01	-0.1197E+03	0.1404E-01	-0.1478E+03
10.	0.1071E-01	-0.8688E+02	0.1251E-01	-0.1776E+03	0.1217E-01	0.1591E+03
11.	0.1282E-01	-0.5116E+02	0.5416E-02	0.1061E+03	0.7316E-02	0.9176E+02
12.	0.4176E-02	-0.7995E+02	0.1256E-01	0.1304E+03	0.1177E-01	0.1225E+03
13.	0.1082E-01	-0.1621E+03	0.2097E-01	0.1650E+03	0.1625E-01	0.1591E+03
14.	0.9188E-02	-0.1224E+03	0.1468E-01	-0.1760E+03	0.1080E-01	0.1647E+03
15.	0.9206E-02	-0.1309E+03	0.1343E-01	-0.1603E+03	0.9128E-02	-0.1707E+03

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1258E+02	0.0000E+00	0.1262E+02	0.0000E+00	0.1278E+02	0.0000E+00
1.	0.1422E+00	-0.1132E+03	0.5600E-01	-0.1438E+03	0.3797E-01	0.1451E+03
2.	0.1022E+00	-0.3515E+02	0.6127E-01	-0.3750E+02	0.2897E-01	-0.3907E+02
3.	0.1531E-01	0.9617E+01	0.5106E-02	-0.4346E+02	0.2191E-02	-0.6259E+02
4.	0.1007E-01	-0.4846E+01	0.8711E-02	-0.3829E+01	0.8807E-02	-0.9815E+00
5.	0.4925E-02	-0.3052E+02	0.3735E-02	-0.4710E+02	0.2882E-02	-0.7111E+02
6.	0.1012E-01	0.8557E+02	0.5715E-02	0.6863E+02	0.3579E-02	0.1662E+02
7.	0.1640E-01	0.1563E+03	0.9537E-02	-0.1785E+03	0.4200E-02	-0.1509E+03
8.	0.1601E-01	0.1781E+03	0.5408E-02	-0.1765E+03	0.3731E-02	-0.1784E+03
9.	0.1017E-01	-0.1594E+03	0.3327E-02	0.1742E+03	0.2561E-02	0.1489E+03
10.	0.6584E-02	0.1506E+03	0.6270E-02	0.1281E+03	0.6891E-02	0.1134E+03
11.	0.6128E-02	0.6194E+02	0.3844E-02	0.4532E+02	0.5017E-02	0.3124E+02
12.	0.7843E-02	0.9513E+02	0.4935E-02	0.4332E+02	0.4540E-02	0.3425E+02
13.	0.9562E-02	0.1537E+03	0.5901E-02	0.1513E+03	0.3158E-02	0.1517E+03
14.	0.4445E-02	0.1487E+03	0.1909E-02	0.1294E+03	0.1383E-02	0.8141E+02
15.	0.3847E-02	-0.1775E+03	0.2953E-02	-0.1786E+03	0.2748E-02	-0.1709E+03

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1412E+02	0.0000E+00	0.1287E+02	0.0000E+00	0.1279E+02	0.0000E+00
1.	0.1016E+01	0.8979E+02	0.3421E+00	-0.9480E+02	0.3337E+00	-0.9512E+02
2.	0.8994E-01	-0.5438E+02	0.1328E+00	-0.4502E+02	0.1019E+00	-0.4151E+02
3.	0.5782E-01	-0.5886E+02	0.1127E+00	-0.1555E+02	0.8137E-01	-0.1060E+02
4.	0.2059E-01	0.1298E+03	0.6985E-01	0.1963E+02	0.5582E-01	0.1792E+02
5.	0.6901E-02	-0.9775E+02	0.5104E-01	-0.6194E+02	0.3582E-01	-0.5904E+02
6.	0.3453E-01	-0.8758E+01	0.5746E-01	-0.4825E+02	0.3964E-01	-0.4597E+02
7.	0.7093E-02	-0.2939E+02	0.2034E-01	-0.2397E+01	0.1345E-01	-0.1133E+02
8.	0.2727E-01	-0.1388E+03	0.5991E-02	-0.2994E+02	0.4489E-02	-0.2928E+01
9.	0.1904E-01	-0.9481E+02	0.3574E-01	-0.6051E+02	0.2529E-01	-0.5432E+02
10.	0.1687E-01	0.5893E+01	0.4768E-01	-0.4497E+02	0.3117E-01	-0.4287E+02
11.	0.2079E-01	0.3055E+02	0.3498E-01	-0.1382E+02	0.3145E-01	-0.8902E+01
12.	0.6090E-02	-0.1723E+03	0.1129E-01	0.3114E+02	0.1043E-01	0.3137E+02
13.	0.1308E-01	-0.1318E+03	0.1141E-02	0.2514E+02	0.2713E-02	0.9488E+02
14.	0.8794E-02	-0.2174E+02	0.1164E-01	-0.4761E+02	0.7387E-02	-0.4088E+02
15.	0.1124E-01	0.1968E+02	0.1509E-01	-0.4815E+02	0.9183E-02	-0.5651E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1263E+02	0.0000E+00	0.1261E+02	0.0000E+00	0.1270E+02	0.0000E+00
1.	0.3537E+00	-0.9810E+02	0.1547E+00	-0.1058E+03	0.1055E+00	-0.1132E+03
2.	0.8717E-01	-0.3523E+02	0.4483E-01	-0.3552E+02	0.3338E-01	-0.3522E+02
3.	0.5980E-01	-0.1189E+02	0.2895E-01	-0.1314E+02	0.2215E-01	-0.1278E+02
4.	0.4515E-01	0.2014E+02	0.2972E-01	0.1584E+02	0.2411E-01	0.1627E+02
5.	0.2383E-01	-0.5183E+02	0.1280E-01	-0.5712E+02	0.1022E-01	-0.6101E+02
6.	0.2722E-01	-0.4657E+02	0.1515E-01	-0.4071E+02	0.1104E-01	-0.4287E+02
7.	0.1058E-01	-0.9585E+01	0.5795E-02	-0.5636E+02	0.4440E-02	-0.8633E+02
8.	0.4431E-02	0.2570E+02	0.4518E-03	-0.2355E+02	0.3767E-03	0.1703E+03
9.	0.1558E-01	-0.4941E+02	0.8435E-02	-0.4957E+02	0.6125E-02	-0.4647E+02
10.	0.2247E-01	-0.4456E+02	0.7565E-02	-0.4300E+02	0.4271E-02	-0.3831E+02
11.	0.2406E-01	-0.1064E+02	0.1720E-01	-0.3364E+01	0.1338E-01	-0.1091E+01
12.	0.1010E-01	0.3872E+02	0.6947E-02	0.3427E+02	0.5729E-02	0.2996E+02
13.	0.4244E-02	0.1055E+03	0.3353E-02	0.1368E+03	0.2977E-02	0.1497E+03
14.	0.2708E-02	-0.3880E+02	0.3298E-02	0.2330E+02	0.3585E-02	0.3054E+02
15.	0.6065E-02	-0.8504E+02	0.1991E-02	-0.5068E+02	0.1636E-02	-0.4193E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1264E+02	0.0000E+00	0.1276E+02	0.0000E+00
1.	0.6726E-01	-0.1310E+03	0.7791E-01	0.1138E+03
2.	0.2103E-01	-0.4279E+02	0.5484E-02	-0.7851E+02
3.	0.1557E-01	-0.1619E+02	0.3435E-02	-0.3268E+02
4.	0.1621E-01	0.2320E+02	0.1199E-01	0.1192E+02
5.	0.5920E-02	-0.5598E+02	0.1668E-02	-0.1163E+03
6.	0.6891E-02	-0.4606E+02	0.4796E-02	0.8828E+01
7.	0.3492E-02	-0.6288E+02	0.5146E-02	-0.9146E+02
8.	0.1065E-02	-0.1398E+02	0.1838E-02	-0.7370E+02
9.	0.3427E-02	-0.3370E+02	0.2530E-02	-0.2616E+02
10.	0.2684E-02	-0.1566E+02	0.5787E-02	0.1260E+03
11.	0.8433E-02	-0.2405E+01	0.1113E-01	0.1156E+02
12.	0.3513E-02	0.4740E+02	0.5028E-02	0.9809E+01
13.	0.2010E-02	0.1455E+03	0.2441E-02	0.1276E+03
14.	0.1386E-02	0.4953E+02	0.4039E-02	0.4311E+02
15.	0.9081E-03	-0.8249E+02	0.3314E-02	0.9217E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1444E+02	0.0000E+00	0.1348E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.4912E+00	0.6719E+02	0.3376E+00	-0.6680E+02	0.6662E+00	-0.8448E+02
2.	0.3038E-01	-0.8208E+02	0.5427E-01	-0.1321E+03	0.4555E-01	-0.7307E+02
3.	0.1888E+00	-0.7837E+02	0.1704E+00	-0.6347E+02	0.1224E+00	-0.5458E+02
4.	0.5279E-01	-0.1403E+01	0.1048E+00	-0.1961E+02	0.1262E+00	-0.2582E+02
5.	0.1298E-01	0.1023E+03	0.2465E-01	-0.7358E+02	0.2687E-01	-0.8654E+02
6.	0.3537E-01	-0.1144E+03	0.5993E-01	-0.1300E+03	0.5007E-01	-0.1214E+03
7.	0.3449E-01	-0.8806E+02	0.2966E-01	-0.1146E+03	0.3832E-01	-0.1336E+03
8.	0.2967E-02	-0.8786E+02	0.1640E-01	-0.1442E+02	0.4375E-02	-0.4924E+02
9.	0.1321E-01	0.1026E+03	0.1173E-01	-0.4315E+02	0.1754E-01	-0.6608E+02
10.	0.8876E-02	-0.1288E+03	0.3001E-01	-0.1303E+03	0.6941E-02	-0.1786E+03
11.	0.4535E-01	-0.8571E+02	0.5004E-01	-0.1164E+03	0.7198E-01	-0.1389E+03
12.	0.3014E-01	-0.5962E+02	0.1959E-01	-0.7354E+02	0.2511E-01	-0.8780E+02
13.	0.2529E-01	0.2781E+02	0.2952E-01	0.1145E+02	0.2345E-01	0.1218E+02
14.	0.2251E-01	0.5253E+02	0.1619E-01	0.1723E+02	0.2270E-01	-0.3467E+02
15.	0.3829E-02	0.1301E+03	0.1457E-01	0.1635E+03	0.1477E-01	0.1457E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1227E+02	0.0000E+00	0.1274E+02	0.0000E+00	0.1280E+02	0.0000E+00
1.	0.7489E+00	-0.9173E+02	0.3720E+00	-0.9196E+02	0.3015E+00	-0.9404E+02
2.	0.6031E-01	-0.6103E+02	0.2915E-01	-0.4409E+02	0.2019E-01	-0.5112E+02
3.	0.1033E+00	-0.5277E+02	0.4248E-01	-0.2709E+02	0.3578E-01	-0.2600E+02
4.	0.9684E-01	-0.2213E+02	0.4124E-01	0.7804E+01	0.3578E-01	0.5835E+01
5.	0.2816E-01	-0.6197E+02	0.1923E-01	-0.3087E+02	0.1723E-01	-0.4011E+02
6.	0.4108E-01	-0.1296E+03	0.1865E-01	-0.8079E+02	0.1758E-01	-0.8118E+02
7.	0.2073E-01	-0.1234E+03	0.6935E-02	-0.8668E+02	0.7576E-02	-0.9673E+02
8.	0.1007E-01	-0.2646E+02	0.4687E-02	0.4875E+02	0.1889E-02	0.5441E+02
9.	0.1700E-01	-0.5700E+02	0.9241E-02	0.5723E+01	0.8559E-02	0.4578E+01
10.	0.1813E-01	-0.1357E+03	0.1037E-01	-0.4414E+02	0.7898E-02	-0.4960E+02
11.	0.3703E-01	-0.1241E+03	0.1586E-01	-0.4891E+02	0.1436E-01	-0.4916E+02
12.	0.1479E-01	-0.1088E+03	0.5822E-02	-0.3471E+02	0.5626E-02	-0.2915E+02
13.	0.1703E-01	-0.1523E+01	0.6598E-02	0.8919E+02	0.5495E-02	0.9665E+02
14.	0.1261E-01	-0.1415E+02	0.7120E-02	0.7406E+02	0.6423E-02	0.7225E+02
15.	0.1065E-01	0.1405E+03	0.3484E-02	-0.9845E+02	0.2827E-02	-0.9878E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1290E+02	0.0000E+00	0.1306E+02	0.0000E+00
1.	0.1911E+00	-0.1007E+03	0.1012E+00	-0.1135E+03
2.	0.1511E-01	-0.5830E+02	0.7418E-02	-0.8407E+02
3.	0.2435E-01	-0.2905E+02	0.1558E-01	-0.2643E+02
4.	0.2926E-01	0.4909E+01	0.2038E-01	0.3314E+01
5.	0.1393E-01	-0.4666E+02	0.9858E-02	-0.6145E+02
6.	0.1349E-01	-0.8539E+02	0.9675E-02	-0.9112E+02
7.	0.6384E-02	-0.1056E+03	0.6062E-02	-0.1092E+03
8.	0.1855E-02	0.1551E+03	0.3602E-02	-0.1538E+03
9.	0.4800E-02	-0.1127E+02	0.4754E-02	-0.1666E+02
10.	0.4009E-02	-0.5677E+02	0.8115E-03	-0.5738E+02
11.	0.1206E-01	-0.3744E+02	0.1039E-01	-0.2740E+02
12.	0.5114E-02	-0.3492E+02	0.4542E-02	-0.3807E+02
13.	0.3883E-02	0.1108E+03	0.2745E-02	0.1244E+03
14.	0.5953E-02	0.5512E+02	0.4855E-02	0.5289E+02
15.	0.6506E-03	-0.1056E+03	0.1219E-02	-0.1746E+03

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1481E+02	0.0000E+00	0.1324E+02	0.0000E+00	0.1210E+02	0.0000E+00
1.	0.5151E+00	0.3939E+02	0.7344E+00	-0.6783E+02	0.1242E+01	-0.8280E+02
2.	0.1513E+00	0.1426E+03	0.1593E+00	0.1658E+03	0.5068E-01	0.1622E+03
3.	0.2703E+00	-0.8260E+02	0.2043E+00	-0.8211E+02	0.1414E+00	-0.8323E+02
4.	0.9162E-01	-0.7191E+02	0.1355E+00	-0.5021E+02	0.1498E+00	-0.4496E+02
5.	0.4746E-02	-0.5255E+02	0.5713E-01	-0.5190E+02	0.7406E-01	-0.4286E+02
6.	0.4918E-01	0.1559E+03	0.5708E-01	-0.1686E+03	0.4492E-01	-0.1532E+03
7.	0.3422E-01	-0.1688E+03	0.6809E-01	0.1797E+03	0.7251E-01	-0.1793E+03
8.	0.3427E-01	-0.1031E+03	0.1878E-01	-0.1529E+03	0.2072E-01	0.1777E+03
9.	0.1106E-01	-0.1017E+03	0.2033E-01	-0.3850E+02	0.2494E-01	-0.3129E+02
10.	0.2810E-01	0.1248E+03	0.5153E-02	-0.1408E+03	0.7322E-02	-0.2427E+02
11.	0.1685E-01	0.1382E+03	0.3182E-01	-0.1587E+03	0.3416E-01	-0.1420E+03
12.	0.8732E-02	-0.3593E+02	0.2589E-01	0.1692E+03	0.3680E-01	0.1791E+03
13.	0.1495E-01	-0.1828E+02	0.1975E-01	0.7394E+02	0.2175E-01	0.1004E+03
14.	0.8808E-02	0.5423E+02	0.2223E-01	0.2614E+02	0.2108E-01	0.9942E+01
15.	0.2990E-01	0.1009E+03	0.1336E-01	0.6738E+02	0.1205E-01	0.3610E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1168E+02	0.0000E+00	0.1213E+02	0.0000E+00	0.1240E+02	0.0000E+00
1.	0.1190E+01	-0.8693E+02	0.6888E+00	-0.9347E+02	0.4238E+00	-0.9678E+02
2.	0.7934E-02	0.3758E+01	0.2565E-01	-0.5721E+02	0.1511E-01	-0.1338E+03
3.	0.9222E-01	-0.7824E+02	0.4106E-01	-0.6604E+02	0.2984E-01	-0.6590E+02
4.	0.1284E+00	-0.4341E+02	0.5677E-01	-0.4005E+02	0.3470E-01	-0.4007E+02
5.	0.6829E-01	-0.4390E+02	0.3675E-01	-0.6046E+02	0.2802E-01	-0.7124E+02
6.	0.3088E-01	-0.1434E+03	0.1952E-01	-0.1175E+03	0.1807E-01	-0.1257E+03
7.	0.5821E-01	-0.1781E+03	0.2152E-01	0.1777E+03	0.1576E-01	0.1723E+03
8.	0.2132E-01	0.1671E+03	0.9986E-02	0.1462E+03	0.6848E-02	0.1370E+03
9.	0.1779E-01	-0.3756E+02	0.9183E-02	-0.3680E+02	0.7351E-02	-0.3594E+02
10.	0.7220E-02	0.1461E+01	0.4134E-02	-0.4171E+02	0.4598E-02	-0.8467E+02
11.	0.3503E-01	-0.1295E+03	0.1975E-01	-0.1184E+03	0.1483E-01	-0.1314E+03
12.	0.3164E-01	-0.1706E+03	0.1539E-01	-0.1637E+03	0.1140E-01	-0.1789E+03
13.	0.1866E-01	0.1013E+03	0.8913E-02	0.9914E+02	0.7067E-02	0.8477E+02
14.	0.2009E-01	-0.1762E+00	0.1184E-01	0.3238E+00	0.1034E-01	0.1243E+02
15.	0.1168E-01	0.3471E+02	0.5662E-02	0.2565E+02	0.4106E-02	-0.1110E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1228E+02	0.0000E+00	0.1255E+02	0.0000E+00	0.1260E+02	0.0000E+00
1.	0.3456E+00	-0.1002E+03	0.2808E+00	-0.1013E+03	0.1591E+00	-0.1119E+03
2.	0.1540E-01	-0.1462E+03	0.1544E-01	-0.1616E+03	0.9309E-02	0.1638E+03
3.	0.2520E-01	-0.6493E+02	0.2040E-01	-0.6152E+02	0.8693E-02	-0.5505E+02
4.	0.2870E-01	-0.3911E+02	0.2414E-01	-0.3815E+02	0.1441E-01	-0.4233E+02
5.	0.2518E-01	-0.7557E+02	0.2181E-01	-0.7902E+02	0.1570E-01	-0.1032E+03
6.	0.1828E-01	-0.1294E+03	0.1573E-01	-0.1309E+03	0.1229E-01	-0.1426E+03
7.	0.1357E-01	0.1727E+03	0.1259E-01	0.1729E+03	0.1080E-01	0.1691E+03
8.	0.7438E-02	0.1230E+03	0.7108E-02	0.1353E+03	0.4795E-02	0.1386E+03
9.	0.5529E-02	-0.2036E+02	0.5187E-02	-0.2816E+02	0.3929E-02	-0.4075E+02
10.	0.4091E-02	-0.8894E+02	0.3323E-02	-0.8716E+02	0.8763E-03	-0.8825E+02
11.	0.1420E-01	-0.1406E+03	0.1043E-01	-0.1302E+03	0.8481E-02	-0.1280E+03
12.	0.1143E-01	0.1741E+03	0.9219E-02	-0.1782E+03	0.6644E-02	0.1623E+03
13.	0.5931E-02	0.9524E+02	0.6167E-02	0.8566E+02	0.5184E-02	0.6305E+02
14.	0.8724E-02	0.8775E+01	0.7869E-02	0.1140E+02	0.6515E-02	-0.1660E+02
15.	0.4063E-02	-0.2229E+01	0.3296E-02	-0.1559E+02	0.3824E-02	-0.2231E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1266E+02	0.0000E+00
1.	0.2350E-01	0.1517E+03
2.	0.1675E-01	0.1607E+03
3.	0.4100E-02	-0.3709E+02
4.	0.3135E-02	0.9766E+01
5.	0.6608E-02	-0.1281E+03
6.	0.9070E-02	-0.1488E+03
7.	0.4428E-02	-0.1784E+03
8.	0.1925E-02	0.1066E+03
9.	0.1825E-02	0.5758E+02
10.	0.1268E-02	-0.1077E+03
11.	0.3591E-02	-0.1662E+03
12.	0.4005E-02	0.1487E+03
13.	0.2157E-02	0.6082E+02
14.	0.1360E-02	-0.3132E+02
15.	0.9982E-03	-0.7688E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1447E+02	0.0000E+00	0.1289E+02	0.0000E+00	0.1149E+02	0.0000E+00
1.	0.4444E+00	0.1462E+02	0.1081E+01	-0.6296E+02	0.1614E+01	-0.7555E+02
2.	0.2116E+00	0.1672E+03	0.2126E+00	-0.1784E+03	0.3815E-01	0.1718E+03
3.	0.2592E+00	-0.5826E+02	0.2279E+00	-0.6186E+02	0.1504E+00	-0.6786E+02
4.	0.1423E+00	-0.3934E+02	0.1806E+00	-0.2883E+02	0.1807E+00	-0.2089E+02
5.	0.4118E-01	-0.1764E+02	0.9957E-01	-0.1161E+02	0.1182E+00	0.2220E+01
6.	0.5076E-01	-0.1600E+03	0.4567E-01	-0.1119E+03	0.2814E-01	-0.8829E+02
7.	0.4425E-01	-0.1420E+03	0.7891E-01	-0.1338E+03	0.7619E-01	-0.1332E+03
8.	0.2181E-01	-0.7184E+02	0.3562E-01	-0.1215E+03	0.3880E-01	-0.1200E+03
9.	0.2825E-01	-0.1015E+02	0.2986E-01	0.2353E+02	0.2797E-01	0.2917E+02
10.	0.1168E-01	-0.1409E+03	0.1377E-01	0.3656E+02	0.2088E-01	0.2760E+02
11.	0.1417E-01	-0.1346E+03	0.2353E-01	-0.5206E+02	0.2993E-01	-0.2329E+02
12.	0.1384E-01	-0.1598E+03	0.3297E-01	-0.1079E+03	0.3983E-01	-0.9097E+02
13.	0.1385E-01	0.1210E+03	0.2673E-01	-0.1555E+03	0.2928E-01	-0.1425E+03
14.	0.2083E-01	0.8029E+02	0.2475E-01	0.1280E+03	0.2595E-01	0.1300E+03
15.	0.1300E-01	-0.1537E+03	0.1911E-01	0.1280E+03	0.2417E-01	0.1301E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1180E+02	0.0000E+00	0.1188E+02	0.0000E+00	0.1201E+02	0.0000E+00
1.	0.1297E+01	-0.7856E+02	0.1248E+01	-0.8882E+02	0.7084E+00	-0.9429E+02
2.	0.1515E-01	-0.1094E+02	0.6089E-01	-0.2500E+02	0.1834E-01	-0.6270E+02
3.	0.8690E-01	-0.6499E+02	0.5676E-01	-0.8025E+02	0.3248E-01	-0.6531E+02
4.	0.1248E+00	-0.2209E+02	0.1006E+00	-0.5157E+02	0.4345E-01	-0.5227E+02
5.	0.9118E-01	-0.3487E+01	0.7825E-01	-0.4387E+02	0.4622E-01	-0.6184E+02
6.	0.2078E-01	-0.6632E+02	0.1709E-01	-0.8627E+02	0.2111E-01	-0.1001E+03
7.	0.5198E-01	-0.1348E+03	0.4589E-01	0.1733E+03	0.2368E-01	0.1761E+03
8.	0.3094E-01	-0.1406E+03	0.2426E-01	0.1698E+03	0.5430E-02	0.1594E+03
9.	0.1728E-01	0.3053E+02	0.1409E-01	0.3485E+02	0.1180E-01	-0.3174E+02
10.	0.1489E-01	0.2809E+02	0.1407E-01	-0.3361E+02	0.1192E-01	-0.6755E+02
11.	0.2737E-01	-0.2541E+02	0.2647E-01	-0.9496E+02	0.1628E-01	-0.1130E+03
12.	0.2603E-01	-0.8779E+02	0.2197E-01	-0.1668E+03	0.1179E-01	0.1733E+03
13.	0.2163E-01	-0.1423E+03	0.2039E-01	0.1179E+03	0.1072E-01	0.9548E+02
14.	0.1941E-01	0.1378E+03	0.1813E-01	0.2884E+02	0.1333E-01	0.2868E+02
15.	0.2135E-01	0.1202E+03	0.1751E-01	0.1376E+02	0.9765E-02	-0.3404E+01

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1267E+02	0.0000E+00	0.1241E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.5663E+00	-0.9574E+02	0.4036E+00	-0.9735E+02	0.3310E+00	-0.1006E+03
2.	0.1447E-01	-0.1219E+03	0.1543E-01	-0.1715E+03	0.1983E-01	-0.1782E+03
3.	0.2875E-01	-0.6689E+02	0.2080E-01	-0.6191E+02	0.2010E-01	-0.6093E+02
4.	0.3594E-01	-0.5098E+02	0.2828E-01	-0.5468E+02	0.2008E-01	-0.5196E+02
5.	0.3915E-01	-0.6706E+02	0.3268E-01	-0.7548E+02	0.2819E-01	-0.7968E+02
6.	0.2168E-01	-0.1091E+03	0.1994E-01	-0.1100E+03	0.1989E-01	-0.1183E+03
7.	0.1950E-01	0.1749E+03	0.1908E-01	0.1784E+03	0.1533E-01	0.1739E+03
8.	0.5671E-02	0.1370E+03	0.3287E-02	0.1583E+03	0.3131E-02	0.1214E+03
9.	0.9948E-02	-0.2491E+02	0.1044E-01	-0.3157E+02	0.9127E-02	-0.2336E+02
10.	0.9701E-02	-0.6750E+02	0.7136E-02	-0.7061E+02	0.7797E-02	-0.7682E+02
11.	0.1502E-01	-0.1154E+03	0.1415E-01	-0.1098E+03	0.1191E-01	-0.1307E+03
12.	0.1216E-01	0.1791E+03	0.8112E-02	0.1687E+03	0.9098E-02	0.1634E+03
13.	0.1028E-01	0.9271E+02	0.1030E-01	0.8348E+02	0.9026E-02	0.8225E+02
14.	0.1277E-01	0.2790E+02	0.1232E-01	0.2075E+02	0.1066E-01	0.2451E+02
15.	0.8947E-02	-0.5898E+01	0.8946E-02	-0.9330E+01	0.7424E-02	-0.1679E+02



Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1231E+02	0.0000E+00	0.1275E+02	0.0000E+00	0.1262E+02	0.0000E+00
1.	0.2863E+00	-0.1029E+03	0.2040E+00	-0.1061E+03	0.1078E+00	-0.1223E+03
2.	0.2074E-01	-0.1726E+03	0.2189E-01	0.1686E+03	0.2168E-01	0.1533E+03
3.	0.1982E-01	-0.6154E+02	0.1465E-01	-0.6006E+02	0.9676E-02	-0.4430E+02
4.	0.2102E-01	-0.4606E+02	0.1608E-01	-0.4606E+02	0.9742E-02	-0.3701E+02
5.	0.2382E-01	-0.8300E+02	0.1966E-01	-0.9041E+02	0.1534E-01	-0.1069E+03
6.	0.1761E-01	-0.1278E+03	0.1699E-01	-0.1339E+03	0.1386E-01	-0.1425E+03
7.	0.1286E-01	0.1729E+03	0.1107E-01	0.1648E+03	0.1008E-01	0.1697E+03
8.	0.5539E-02	0.1237E+03	0.6566E-02	0.1096E+03	0.4678E-02	0.1089E+03
9.	0.6344E-02	-0.1495E+02	0.5143E-02	-0.1261E+02	0.3602E-02	-0.2029E+02
10.	0.4329E-02	-0.5442E+02	0.2951E-02	-0.5704E+02	0.1930E-02	-0.4770E+02
11.	0.1021E-01	-0.1241E+03	0.9038E-02	-0.1410E+03	0.7603E-02	-0.1293E+03
12.	0.9904E-02	0.1787E+03	0.9063E-02	0.1703E+03	0.6483E-02	0.1627E+03
13.	0.7873E-02	0.8907E+02	0.7397E-02	0.8097E+02	0.6317E-02	0.7617E+02
14.	0.9255E-02	0.1837E+02	0.7475E-02	0.6286E+01	0.6690E-02	-0.2559E+01
15.	0.6910E-02	-0.1275E+02	0.5532E-02	-0.3646E+02	0.4080E-02	-0.2807E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1400E+02	0.0000E+00	0.1173E+02	0.0000E+00	0.1153E+02	0.0000E+00
1.	0.6004E+00	-0.1640E+02	0.1548E+01	-0.6777E+02	0.1159E+01	-0.8688E+02
2.	0.3203E+00	0.1782E+03	0.2592E+00	-0.1736E+03	0.5749E-01	-0.3561E+02
3.	0.2984E+00	-0.6126E+02	0.2848E+00	-0.6916E+02	0.4956E-01	-0.5227E+02
4.	0.2113E+00	-0.4720E+02	0.2481E+00	-0.3096E+02	0.7706E-01	-0.2825E+02
5.	0.1095E+00	-0.2836E+02	0.1553E+00	-0.1414E+02	0.6982E-01	-0.1932E+02
6.	0.5484E-01	-0.1406E+03	0.4444E-01	-0.1000E+03	0.2811E-01	-0.2927E+02
7.	0.8015E-01	-0.1495E+03	0.1005E+00	-0.1460E+03	0.2349E-01	-0.1403E+03
8.	0.2446E-01	-0.1111E+03	0.5076E-01	-0.1426E+03	0.2114E-01	-0.1652E+03
9.	0.3972E-01	-0.2985E+01	0.3368E-01	0.1306E+02	0.4919E-02	0.7642E+02
10.	0.2177E-01	0.1542E+02	0.4739E-01	0.2271E+02	0.9978E-02	0.4408E+02
11.	0.8375E-02	-0.1581E+03	0.1900E-01	-0.2831E+02	0.2505E-01	-0.1368E+02
12.	0.3211E-01	-0.1643E+03	0.3264E-01	-0.1314E+03	0.1222E-01	-0.6829E+02
13.	0.2610E-01	0.1560E+03	0.4147E-01	-0.1770E+03	0.1507E-01	-0.1669E+03
14.	0.2729E-01	0.8335E+02	0.3522E-01	0.1242E+03	0.1555E-01	0.1252E+03
15.	0.1779E-01	0.6394E+02	0.3373E-01	0.8850E+02	0.1533E-01	0.1005E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.1227E+02	0.0000E+00	0.1269E+02	0.0000E+00
1.	0.4937E+00	-0.8939E+02	0.3287E+00	-0.9401E+02	0.9133E-01	-0.1015E+03
2.	0.8270E-02	0.1375E+03	0.2220E-01	0.1495E+03	0.2624E-01	0.1128E+03
3.	0.1930E-01	-0.4160E+02	0.1830E-01	-0.2811E+02	0.1052E-01	0.1797E+02
4.	0.3248E-01	-0.2464E+02	0.1537E-01	-0.6275E+01	0.2737E-02	0.6709E+01
5.	0.2804E-01	-0.4094E+02	0.1934E-01	-0.4602E+02	0.1246E-01	-0.1023E+03
6.	0.1515E-01	-0.5864E+02	0.1399E-01	-0.7068E+02	0.1012E-01	-0.1185E+03
7.	0.1693E-01	-0.1283E+03	0.8780E-02	-0.1263E+03	0.8216E-02	-0.1490E+03
8.	0.1019E-01	-0.1582E+03	0.5213E-02	0.1789E+03	0.2124E-02	0.1348E+03
9.	0.5460E-02	0.6088E+02	0.6883E-02	0.4849E+02	0.4826E-02	0.1506E+02
10.	0.7909E-02	0.9722E+02	0.4194E-02	0.3307E+02	0.1964E-02	0.6384E+02
11.	0.1825E-01	0.3658E+01	0.8488E-02	-0.1521E+02	0.6564E-02	-0.4595E+02
12.	0.7819E-02	-0.6974E+02	0.6879E-02	-0.9663E+02	0.4331E-02	-0.1353E+03
13.	0.1096E-01	-0.1765E+03	0.5375E-02	-0.1730E+03	0.5055E-02	0.1410E+03
14.	0.9914E-02	0.1031E+03	0.7232E-02	0.1194E+03	0.8002E-02	0.5837E+02
15.	0.8872E-02	0.8744E+02	0.6515E-02	0.9371E+02	0.4480E-02	0.3581E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1294E+02	0.0000E+00
1.	0.1478E+00	0.9201E+02
2.	0.2504E-01	0.1552E+03
3.	0.1037E-01	0.1041E+02
4.	0.3767E-02	0.7465E+02
5.	0.1211E-01	-0.1378E+03
6.	0.9340E-02	-0.1206E+03
7.	0.4473E-02	-0.1397E+03
8.	0.1634E-02	0.5971E+02
9.	0.3678E-02	0.2246E+02
10.	0.4493E-03	-0.4069E+01
11.	0.3948E-02	-0.5647E+02
12.	0.2793E-02	-0.1550E+03
13.	0.1994E-02	0.1460E+03
14.	0.3217E-02	0.7979E+02
15.	0.1765E-02	0.2078E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1429E+02	0.0000E+00	0.1233E+02	0.0000E+00	0.1102E+02	0.0000E+00
1.	0.4924E+00	-0.7956E+01	0.1363E+01	-0.7718E+02	0.1832E+01	-0.8935E+02
2.	0.3199E+00	0.1648E+03	0.2602E+00	0.1724E+03	0.7427E-01	-0.5693E+02
3.	0.2396E+00	-0.8723E+02	0.2403E+00	-0.9645E+02	0.1206E+00	-0.1040E+03
4.	0.1890E+00	-0.8090E+02	0.2216E+00	-0.7347E+02	0.2073E+00	-0.7381E+02
5.	0.1053E+00	-0.7223E+02	0.1546E+00	-0.6455E+02	0.1702E+00	-0.4991E+02
6.	0.5093E-01	0.1786E+03	0.4207E-01	-0.1422E+03	0.2007E-01	-0.1347E+02
7.	0.7895E-01	0.1525E+03	0.9165E-01	0.1508E+03	0.8782E-01	0.1415E+03
8.	0.2688E-01	0.1562E+03	0.5145E-01	0.1384E+03	0.5949E-01	0.1451E+03
9.	0.3081E-01	-0.7248E+02	0.2249E-01	-0.6767E+02	0.1736E-01	-0.9524E+02
10.	0.2418E-01	-0.6691E+02	0.4203E-01	-0.7035E+02	0.3670E-01	-0.6733E+02
11.	0.6530E-02	0.1499E+03	0.2429E-01	-0.1221E+03	0.3713E-01	-0.1010E+03
12.	0.3476E-01	0.1032E+03	0.3115E-01	0.1144E+03	0.1588E-01	0.1328E+03
13.	0.2942E-01	0.7188E+02	0.4521E-01	0.7104E+02	0.3846E-01	0.6936E+02
14.	0.2125E-01	-0.2519E+02	0.2995E-01	-0.4336E+00	0.2763E-01	0.7915E+01
15.	0.1984E-01	-0.5800E+02	0.3102E-01	-0.5070E+02	0.2858E-01	-0.3691E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1111E+02	0.0000E+00	0.1106E+02	0.0000E+00	0.1205E+02	0.0000E+00
1.	0.1348E+01	-0.9339E+02	0.1425E+01	-0.8853E+02	0.1044E+01	-0.8958E+02
2.	0.5842E-01	-0.7558E+02	0.1003E+00	-0.2644E+02	0.6106E-01	-0.2491E+02
3.	0.7963E-01	-0.9270E+02	0.4810E-01	-0.5647E+02	0.3005E-01	-0.5594E+02
4.	0.1196E+00	-0.6803E+02	0.9172E-01	-0.4113E+02	0.6514E-01	-0.3689E+02
5.	0.9588E-01	-0.5915E+02	0.9103E-01	-0.2424E+02	0.5746E-01	-0.2892E+02
6.	0.2764E-01	-0.8332E+02	0.2922E-01	-0.3068E+02	0.2680E-01	-0.3505E+02
7.	0.3872E-01	0.1500E+03	0.2063E-01	-0.1624E+03	0.2038E-01	-0.1483E+03
8.	0.3313E-01	0.1229E+03	0.2917E-01	0.1789E+03	0.2049E-01	0.1793E+03
9.	0.4122E-02	-0.1690E+02	0.3613E-02	0.5960E+02	0.3081E-02	0.5614E+02
10.	0.1745E-01	-0.6674E+02	0.1568E-01	0.1243E+02	0.8591E-02	0.5303E+02
11.	0.2794E-01	-0.1143E+03	0.2429E-01	-0.2700E+02	0.2425E-01	-0.1808E+02
12.	0.1482E-01	0.1577E+03	0.1181E-01	-0.9521E+02	0.1121E-01	-0.7112E+02
13.	0.2269E-01	0.7164E+02	0.1897E-01	0.1653E+03	0.1556E-01	0.1635E+03
14.	0.2026E-01	-0.1721E+01	0.1796E-01	0.1023E+03	0.1448E-01	0.8880E+02
15.	0.2309E-01	-0.3694E+02	0.2161E-01	0.7713E+02	0.1702E-01	0.7507E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1199E+02	0.0000E+00	0.1210E+02	0.0000E+00	0.1235E+02	0.0000E+00
1.	0.6303E+00	-0.9039E+02	0.4420E+00	-0.9161E+02	0.3528E+00	-0.9104E+02
2.	0.1221E-01	0.5467E+02	0.2137E-01	0.1128E+03	0.3202E-01	0.1132E+03
3.	0.2308E-01	-0.5346E+02	0.1962E-01	-0.4733E+02	0.1609E-01	-0.4430E+02
4.	0.2653E-01	-0.3189E+02	0.1632E-01	-0.2796E+02	0.1309E-01	-0.2685E+02
5.	0.3035E-01	-0.4024E+02	0.2196E-01	-0.5401E+02	0.1720E-01	-0.6220E+02
6.	0.1690E-01	-0.6469E+02	0.1525E-01	-0.8207E+02	0.1335E-01	-0.9495E+02
7.	0.1201E-01	-0.1475E+03	0.9634E-02	-0.1539E+03	0.9514E-02	-0.1564E+03
8.	0.6952E-02	0.1619E+03	0.4819E-02	0.1448E+03	0.4047E-02	0.1397E+03
9.	0.6218E-02	0.4612E+02	0.7709E-02	0.3726E+02	0.6869E-02	0.1665E+02
10.	0.5801E-02	0.1075E+02	0.4308E-02	-0.3130E+00	0.3429E-02	0.1423E+02
11.	0.9568E-02	-0.5082E+02	0.1008E-01	-0.5307E+02	0.9337E-02	-0.4079E+02
12.	0.8044E-02	-0.1122E+03	0.7190E-02	-0.1288E+03	0.6369E-02	-0.1194E+03
13.	0.8133E-02	0.1598E+03	0.7438E-02	0.1512E+03	0.7817E-02	0.1443E+03
14.	0.9014E-02	0.8891E+02	0.7411E-02	0.8081E+02	0.7630E-02	0.7235E+02
15.	0.8510E-02	0.6405E+02	0.7688E-02	0.5262E+02	0.7429E-02	0.4220E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1218E+02	0.0000E+00	0.1267E+02	0.0000E+00	0.1259E+02	0.0000E+00
1.	0.2805E+00	-0.9104E+02	0.7989E-13	-0.1622E+03	0.7102E-01	-0.9970E+02
2.	0.3578E-01	0.1106E+03	0.2116E-13	-0.4388E+02	0.3525E-01	0.9342E+02
3.	0.1527E-01	-0.3423E+02	0.2066E-13	-0.1793E+03	0.1427E-01	-0.2323E+00
4.	0.5907E-02	-0.3020E+02	0.7402E-14	-0.1540E+03	0.5449E-02	0.1118E+03
5.	0.1449E-01	-0.7226E+02	0.4840E-14	-0.8172E+01	0.9987E-02	-0.1280E+03
6.	0.1289E-01	-0.1051E+03	0.2122E-14	-0.1304E+03	0.9666E-02	-0.1336E+03
7.	0.8828E-02	-0.1661E+03	0.4231E-14	0.1785E+03	0.5767E-02	-0.1758E+03
8.	0.3504E-02	0.1168E+03	0.5916E-14	0.1775E+03	0.2763E-02	0.9491E+02
9.	0.5923E-02	0.2123E+02	0.6598E-15	-0.4782E+02	0.4558E-02	0.2147E+02
10.	0.4305E-02	-0.2056E+02	0.4062E-14	0.1751E+03	0.1396E-02	-0.1707E+02
11.	0.6330E-02	-0.7058E+02	0.6161E-15	-0.1583E+03	0.3033E-02	-0.7852E+02
12.	0.6640E-02	-0.1406E+03	0.1007E-14	-0.1296E+03	0.4806E-02	-0.1521E+03
13.	0.6898E-02	0.1369E+03	0.2008E-14	0.1737E+03	0.4502E-02	0.1362E+03
14.	0.6532E-02	0.7727E+02	0.3155E-14	0.1708E+03	0.4983E-02	0.6494E+02
15.	0.6859E-02	0.3235E+02	0.2727E-14	0.1773E+03	0.4190E-02	0.1930E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1253E+02	0.0000E+00
1.	0.1367E+00	0.8458E+02
2.	0.2947E-01	0.9435E+02
3.	0.8667E-02	0.2803E+02
4.	0.8838E-02	0.1328E+03
5.	0.1481E-01	-0.1563E+03
6.	0.9886E-02	-0.1499E+03
7.	0.4347E-02	-0.1694E+03
8.	0.2831E-02	0.5318E+02
9.	0.3108E-02	0.2604E+02
10.	0.9241E-03	-0.1230E+03
11.	0.3608E-02	-0.1095E+03
12.	0.3135E-02	-0.1609E+03
13.	0.2562E-02	0.1401E+03
14.	0.3337E-02	0.6978E+02
15.	0.2944E-02	0.1590E+02

Table IV-10b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1399E+02	0.0000E+00	0.1180E+02	0.0000E+00	0.1109E+02	0.0000E+00
1.	0.3052E+00	-0.1148E+02	0.1310E+01	-0.8078E+02	0.1033E+01	-0.9507E+02
2.	0.3272E+00	-0.1706E+03	0.2341E+00	-0.1548E+03	0.5483E-01	-0.6915E+02
3.	0.2081E+00	-0.0649E+02	0.2115E+00	-0.7192E+02	0.5140E-01	-0.5150E+02
4.	0.2039E+00	-0.4944E+02	0.2199E+00	-0.4002E+02	0.7814E-01	-0.3151E+02
5.	0.1303E+00	-0.3819E+02	0.1569E+00	-0.2429E+02	0.6297E-01	-0.1779E+02
6.	0.5328E-01	-0.1133E+03	0.4557E-01	-0.7551E+02	0.2526E-01	-0.2458E+02
7.	0.8197E-01	-0.1488E+03	0.7754E-01	-0.1431E+03	0.2174E-01	-0.1371E+03
8.	0.3014E-01	-0.1506E+03	0.4167E-01	-0.1588E+03	0.2091E-01	-0.1672E+03
9.	0.3497E-01	0.2582E+00	0.2419E-01	0.5138E+01	0.3939E-02	0.6084E+02
10.	0.3179E-01	0.5559E+01	0.4441E-01	0.1191E+02	0.8350E-02	0.4829E+02
11.	0.1858E-01	-0.5187E+02	0.3178E-01	-0.1377E+02	0.2698E-01	-0.4026E+00
12.	0.3458E-01	-0.1488E+03	0.2887E-01	-0.1313E+03	0.1000E-01	-0.6513E+02
13.	0.3566E-01	-0.1800E+03	0.4187E-01	-0.1780E+03	0.1585E-01	-0.1739E+03
14.	0.2218E-01	0.7942E+02	0.2864E-01	0.1185E+03	0.1470E-01	0.1071E+03
15.	0.2045E-01	0.4159E+02	0.2557E-01	0.6606E+02	0.1685E-01	0.9858E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1087E+02	0.0000E+00	0.1074E+02	0.0000E+00	0.1195E+02	0.0000E+00
1.	0.1033E-01	-0.9408E+02	0.7883E+00	-0.9282E+02	0.4500E+00	-0.9374E+02
2.	0.8338E-01	-0.9943E+01	0.4165E-01	0.1220E+02	0.6599E-01	0.6277E+02
3.	0.2078E-01	-0.1218E+02	0.2139E-01	-0.3192E+02	0.2012E-01	-0.4871E+02
4.	0.4972E-01	-0.3574E+02	0.2867E-01	-0.2948E+02	0.4987E-02	-0.4552E+02
5.	0.5072E-01	-0.1838E+02	0.2975E-01	-0.1800E+02	0.6844E-02	-0.6756E+02
6.	0.2104E-01	0.1084E+01	0.1586E-01	-0.1967E+02	0.9738E-03	-0.1401E+01
7.	0.1371E-01	-0.1460E+03	0.6397E-02	-0.1509E+03	0.3017E-02	0.1253E+03
8.	0.1718E-01	-0.1876E+03	0.7283E-02	0.1855E+03	0.2395E-02	0.4275E+02
9.	0.1718E-02	-0.4281E+02	0.2900E-02	0.5444E+02	0.4098E-02	-0.6097E+02
10.	0.6767E-02	0.4709E+02	0.4602E-02	0.1204E+02	0.6677E-03	-0.5133E+02
11.	0.2310E-01	0.9130E+01	0.1121E-01	-0.1325E+02	0.4390E-02	-0.8557E+02
12.	0.6320E-02	-0.5555E+02	0.5131E-02	-0.6645E+02	0.7675E-03	0.1670E+03
13.	0.1087E-01	-0.1888E+03	0.7445E-02	0.1779E+03	0.4739E-02	0.4953E+02
14.	0.1188E-01	0.1108E+03	0.7418E-02	0.1118E+03	0.6300E-02	-0.2163E+02
15.	0.1232E-01	0.1043E+03	0.7607E-02	0.8663E+02	0.4935E-02	-0.4639E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.1208E+02	0.0000E+00	0.1209E+02	0.0000E+00
1.	0.3038E+00	-0.8853E+02	0.2524E+00	-0.8201E+02	0.1791E+00	-0.7922E+02
2.	0.7440E-01	0.7204E+02	0.8468E-01	0.7213E+02	0.8303E-01	0.6603E+02
3.	0.2121E-01	-0.4937E+02	0.2719E-01	-0.4870E+02	0.2849E-01	-0.4213E+02
4.	0.1781E-02	0.1604E+03	0.6756E-02	0.1466E+03	0.8663E-02	0.1331E+03
5.	0.3171E-02	-0.1352E+03	0.5292E-02	0.1672E+03	0.8417E-02	0.1435E+03
6.	0.2004E-02	0.1370E+03	0.5541E-02	0.1445E+03	0.5411E-02	0.1426E+03
7.	0.4374E-02	0.1073E+03	0.5117E-02	0.9330E+02	0.4692E-02	0.9402E+02
8.	0.2223E-02	0.3275E+02	0.3008E-02	0.3842E+02	0.3425E-02	0.1567E+02
9.	0.3955E-02	-0.3924E+02	0.4742E-02	-0.5418E+02	0.3068E-02	-0.5180E+02
10.	0.1420E-02	0.9253E+02	0.1813E-02	0.8395E+02	0.1072E-02	0.5535E+02
11.	0.3022E-02	-0.1230E+03	0.2166E-02	-0.1282E+03	0.2109E-02	-0.4854E+02
12.	0.7615E-03	0.1453E+03	0.1649E-02	0.1113E+03	0.1976E-02	0.1300E+03
13.	0.4879E-02	0.4861E+02	0.5128E-02	0.4008E+02	0.3783E-02	0.1012E+02
14.	0.6288E-02	-0.3893E+02	0.5950E-02	-0.3758E+02	0.4978E-02	-0.5314E+02
15.	0.5079E-02	-0.5420E+02	0.4395E-02	-0.6003E+02	0.2914E-02	-0.1007E+03

Table IV-10b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1243E+02	0.0000E+00	0.1264E+02	0.0000E+00	0.1268E+02	0.0000E+00
1.	0.1485E+00	-0.7317E+02	0.1265E+00	-0.6652E+02	0.7847E-01	-0.4483E+02
2.	0.8846E-01	0.6214E+02	0.9111E-01	0.5831E+02	0.9066E-01	0.5457E+02
3.	0.3278E-01	-0.3618E+02	0.3458E-01	-0.3275E+02	0.3190E-01	-0.2098E+02
4.	0.1216E-01	0.1220E+03	0.1428E-01	0.1161E+03	0.1620E-01	0.1198E+03
5.	0.1123E-01	0.1418E+03	0.1425E-01	0.1347E+03	0.2042E-01	0.1341E+03
6.	0.6960E-02	0.1211E+03	0.6961E-02	0.1211E+03	0.8636E-02	0.1214E+03
7.	0.5366E-02	0.7647E+02	0.5160E-02	0.6393E+02	0.8308E-02	0.5954E+02
8.	0.3967E-02	0.5589E+01	0.5211E-02	0.1533E+02	0.6111E-02	0.8710E+01
9.	0.4591E-02	-0.6020E+02	0.4280E-02	-0.5929E+02	0.4832E-02	-0.6449E+02
10.	0.1156E-02	0.8438E+02	0.2275E-02	0.5923E+02	0.1682E-02	0.1745E+03
11.	0.1551E-02	-0.2808E+02	0.1674E-02	0.1727E+01	0.3547E-02	0.1213E+03
12.	0.2979E-02	0.5962E+02	0.1624E-02	0.6723E+02	0.4424E-02	0.7797E+02
13.	0.3831E-02	0.1848E+02	0.3554E-02	0.1931E+02	0.3745E-02	0.1481E+02
14.	0.5181E-02	-0.6540E+02	0.5144E-02	-0.7531E+02	0.4309E-02	-0.4938E+02
15.	0.2752E-02	-0.8277E+02	0.2857E-02	-0.1103E+03	0.3996E-02	-0.1005E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1273E+02	0.0000E+00
1.	0.1413E+00	0.5321E+02
2.	0.6022E-01	0.7624E+02
3.	0.4266E-01	-0.1424E+02
4.	0.4132E-01	0.1318E+03
5.	0.1480E-01	-0.1617E+03
6.	0.2093E-01	0.1265E+03
7.	0.2729E-02	-0.8344E+02
8.	0.5584E-02	0.3467E+02
9.	0.3279E-02	-0.1024E+03
10.	0.3524E-02	-0.1768E+03
11.	0.2295E-02	-0.1053E+03
12.	0.4101E-02	0.1179E+03
13.	0.2641E-02	0.4575E+02
14.	0.4397E-02	-0.6368E+02
15.	0.3606E-02	-0.6958E+02

Table IV-11a. Harmonic pressure data for 98 KTAS, 400 FPM R/S, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1060E+02	0.0000E+00	0.1128E+02	0.0000E+00	0.1165E+02	0.0000E+00
1.	0.1083E+01	-0.3792E+02	0.9134E+00	-0.6294E+02	0.7167E+00	-0.7065E+02
2.	0.3330E+00	0.1288E+03	0.1372E+00	0.1051E+03	0.6532E-01	0.7562E+02
3.	0.1190E+00	0.1610E+03	0.7290E-01	0.1410E+03	0.5539E-01	0.1417E+03
4.	0.2968E+00	0.1225E+03	0.1580E+00	0.1199E+03	0.9338E-01	0.1267E+03
5.	0.9546E-01	0.8946E+02	0.5694E-01	0.8183E+02	0.3536E-01	0.7553E+02
6.	0.1627E+00	0.6115E+01	0.7917E-01	0.5741E+01	0.4079E-01	0.3226E+01
7.	0.1346E+00	0.2053E+02	0.5933E-01	0.1125E+02	0.3058E-01	0.2362E+01
8.	0.6476E-01	0.2523E+02	0.2802E-01	0.1702E+02	0.1367E-01	0.3513E+02
9.	0.1116E+00	0.3269E+01	0.4252E-01	0.1296E+02	0.1614E-01	0.5240E+01
10.	0.8936E-01	0.2256E+02	0.4195E-01	0.2104E+02	0.1523E-01	0.4365E+01
11.	0.8278E-01	0.3855E+02	0.4446E-01	0.3282E+02	0.1806E-01	0.5064E+02
12.	0.7437E-01	0.5804E+02	0.3281E-01	0.5140E+02	0.1763E-01	0.5915E+02
13.	0.3685E-01	0.1065E+03	0.1395E-01	0.1028E+03	0.7971E-02	0.9526E+02
14.	0.4603E-02	0.5758E+02	0.2531E-02	0.1068E+03	0.2203E-02	0.1304E+03
15.	0.5245E-02	0.1135E+03	0.2366E-02	0.7903E+02	0.1411E-02	-0.1691E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1222E+02	0.0000E+00	0.1261E+02	0.0000E+00
1.	0.3919E+00	-0.7905E+02	0.1828E+00	-0.8126E+02
2.	0.5728E-01	0.3062E+02	0.1335E-01	0.2475E+02
3.	0.1334E-01	0.1064E+03	0.1746E-01	0.1478E+03
4.	0.3434E-01	0.1531E+03	0.2185E-01	0.1313E+03
5.	0.1926E-01	0.1165E+03	0.1623E-01	0.7914E+02
6.	0.4541E-02	0.1810E+02	0.1355E-01	-0.2398E+02
7.	0.1234E-01	-0.3257E+02	0.2643E-01	-0.2654E+02
8.	0.4012E-02	-0.1006E+03	0.1433E-01	-0.9863E+02
9.	0.3323E-02	-0.1445E+03	0.8567E-02	-0.1169E+03
10.	0.3051E-02	0.4263E+02	0.8075E-02	0.1733E+03
11.	0.1358E-01	0.6852E+02	0.8238E-02	0.8895E+02
12.	0.1028E-01	0.2348E+02	0.9073E-02	-0.3032E+02
13.	0.3635E-02	0.2590E+02	0.8736E-02	-0.5700E+02
14.	0.1214E-02	-0.1725E+03	0.7339E-02	-0.1680E+03
15.	0.9292E-03	-0.1701E+03	0.6780E-02	0.1294E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9786E+01	0.0000E+00	0.1087E+02	0.0000E+00	0.1124E+02	0.0000E+00
1.	0.1504E+00	0.4313E+02	0.8716E+00	-0.8347E+02	0.7563E+00	-0.8422E+02
2.	0.3253E+00	0.9665E+02	0.1530E+00	0.1681E+02	0.1255E+00	0.1207E+02
3.	0.4592E+00	0.1784E+03	0.1692E+00	0.1694E+03	0.9190E-01	0.1656E+03
4.	0.2690E+00	0.1744E+03	0.1070E+00	0.1505E+03	0.5920E-01	0.1488E+03
5.	0.3702E+00	0.1176E+03	0.1183E+00	0.1016E+03	0.6452E-01	0.1068E+03
6.	0.1340E+00	0.1164E+03	0.2806E-01	0.1416E+03	0.1842E-01	0.1348E+03
7.	0.1181E+00	-0.1107E+03	0.5519E-01	-0.7889E+02	0.2588E-01	-0.7565E+02
8.	0.1389E+00	0.1686E+03	0.4838E-01	-0.1659E+03	0.2545E-01	-0.1610E+03
9.	0.2324E+00	0.1431E+03	0.6148E-01	0.1481E+03	0.3035E-01	0.1477E+03
10.	0.1644E+00	0.1218E+03	0.5893E-01	0.1323E+03	0.3295E-01	0.1294E+03
11.	0.2844E-01	0.4183E+01	0.1819E-01	0.6780E+02	0.9548E-02	0.9056E+02
12.	0.6208E-01	-0.1246E+03	0.3010E-01	-0.6255E+02	0.1553E-01	-0.6642E+02
13.	0.9800E-01	0.1614E+03	0.2207E-01	-0.1301E+03	0.1293E-01	-0.1227E+03
14.	0.1180E+00	0.1311E+03	0.3627E-01	0.1479E+03	0.1782E-01	0.1546E+03
15.	0.4952E-01	0.8974E+02	0.3318E-01	0.1065E+03	0.1912E-01	0.1094E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1172E+02	0.0000E+00	0.1200E+02	0.0000E+00	0.1220E+02	0.0000E+00
1.	0.5476E+00	-0.8575E+02	0.4039E+00	-0.8638E+02	0.2411E+00	-0.8577E+02
2.	0.8245E-01	0.8965E+00	0.5107E-01	-0.5504E+01	0.2582E-01	-0.1508E+02
3.	0.5809E-01	0.1580E+03	0.3719E-01	0.1466E+03	0.2961E-01	0.1442E+03
4.	0.4248E-01	0.1469E+03	0.3023E-01	0.1487E+03	0.2589E-01	0.1378E+03
5.	0.3953E-01	0.1001E+03	0.2344E-01	0.9241E+02	0.2075E-01	0.8281E+02
6.	0.6970E-02	0.1177E+03	0.3070E-02	0.9716E+02	0.1141E-02	0.6559E+02
7.	0.1982E-01	-0.6599E+02	0.1192E-01	-0.6868E+02	0.1091E-01	-0.7817E+02
8.	0.1946E-01	-0.1532E+03	0.1332E-01	-0.1541E+03	0.1533E-01	-0.1507E+03
9.	0.1555E-01	0.1503E+03	0.9270E-02	0.1545E+03	0.5697E-02	0.1544E+03
10.	0.2275E-01	0.1240E+03	0.1637E-01	0.1214E+03	0.1186E-01	0.1065E+03
11.	0.9703E-02	0.8299E+02	0.7174E-02	0.8715E+02	0.7864E-02	0.7996E+02
12.	0.1552E-01	-0.5145E+02	0.1283E-01	-0.5259E+02	0.1414E-01	-0.4977E+02
13.	0.9158E-02	-0.9652E+02	0.7129E-02	-0.7480E+02	0.7328E-02	-0.6294E+02
14.	0.1114E-01	0.1668E+03	0.5848E-02	0.1704E+03	0.5156E-02	0.1545E+03
15.	0.1666E-01	0.9672E+02	0.1158E-01	0.9723E+02	0.1188E-01	0.9532E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00	0.1251E+02	0.0000E+00	0.1281E+02	0.0000E+00
1.	0.1812E+00	-0.8389E+02	0.8373E-01	-0.8408E+02	0.1983E-01	0.9570E+02
2.	0.2274E-01	-0.4077E+02	0.8402E-02	-0.9589E+02	0.1754E-01	-0.1335E+03
3.	0.2994E-01	0.1460E+03	0.1744E-01	0.1337E+03	0.1069E-01	0.1465E+03
4.	0.2898E-01	0.1331E+03	0.1575E-01	0.1375E+03	0.1078E-01	0.1362E+03
5.	0.2155E-01	0.6962E+02	0.1126E-01	0.5508E+02	0.9817E-02	0.3504E+02
6.	0.8031E-02	-0.5238E+02	0.5769E-02	-0.3651E+02	0.1027E-01	-0.3634E+02
7.	0.1964E-01	-0.6806E+02	0.1008E-01	-0.8069E+02	0.1187E-01	-0.5275E+02
8.	0.1826E-01	-0.1377E+03	0.8122E-02	-0.1462E+03	0.8430E-02	-0.1303E+03
9.	0.3206E-02	0.1439E+03	0.2852E-02	0.1089E+03	0.2252E-02	0.9988E+02
10.	0.1314E-01	0.1083E+03	0.7651E-02	0.1079E+03	0.6320E-02	0.1052E+03
11.	0.1317E-01	0.5669E+02	0.6838E-02	0.4445E+02	0.7511E-02	0.5929E+02
12.	0.1389E-01	-0.4578E+02	0.9137E-02	-0.4958E+02	0.6928E-02	-0.2868E+02
13.	0.1072E-01	-0.7585E+02	0.4731E-02	-0.6203E+02	0.4353E-02	-0.6532E+02
14.	0.6019E-02	-0.1772E+03	0.3255E-02	0.1220E+03	0.5520E-02	0.1757E+03
15.	0.1665E-01	0.9679E+02	0.9838E-02	0.8787E+02	0.7603E-02	0.1143E+03



Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9522E+01	0.0000E+00	0.9480E+01	0.0000E+00	0.1048E+02	0.0000E+00
1.	0.1579E+01	0.1118E+03	0.4099E+00	-0.1340E+03	0.8237E+00	-0.9920E+02
2.	0.5842E+00	0.3506E+02	0.3972E+00	0.1976E+02	0.3174E+00	-0.2123E+01
3.	0.5476E+00	0.1769E+03	0.3516E+00	0.1646E+03	0.1769E+00	0.1515E+03
4.	0.5635E+00	0.1669E+03	0.2869E+00	0.1676E+03	0.1953E+00	0.1647E+03
5.	0.4346E+00	0.1082E+03	0.2280E+00	0.9184E+02	0.1427E+00	0.8385E+02
6.	0.4358E+00	0.7659E+02	0.2120E+00	0.7311E+02	0.9842E-01	0.3777E+02
7.	0.9150E-01	0.1395E+02	0.4380E-01	-0.3796E+02	0.9489E-01	-0.4858E+02
8.	0.1462E+00	-0.1279E+03	0.7622E-01	-0.1138E+03	0.5081E-01	-0.1150E+03
9.	0.1866E+00	0.1511E+03	0.7860E-01	0.1476E+03	0.6839E-01	0.1538E+03
10.	0.3203E+00	0.1068E+03	0.1666E+00	0.1038E+03	0.9485E-01	0.1118E+03
11.	0.2546E+00	0.7326E+02	0.1386E+00	0.7105E+02	0.1096E+00	0.6145E+02
12.	0.1018E+00	-0.9974E+01	0.6600E-01	-0.4784E+02	0.6888E-01	-0.8098E+02
13.	0.5893E-01	-0.7802E+02	0.5446E-01	-0.8204E+02	0.5412E-01	-0.9258E+02
14.	0.1055E+00	0.1419E+03	0.4538E-01	0.1400E+03	0.2572E-01	0.1312E+03
15.	0.1698E+00	0.9725E+02	0.8394E-01	0.9652E+02	0.4870E-01	0.9149E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1099E+02	0.0000E+00	0.1154E+02	0.0000E+00	0.1175E+02	0.0000E+00
1.	0.8472E+00	-0.9318E+02	0.7086E+00	-0.9309E+02	0.4373E+00	-0.9409E+02
2.	0.2473E+00	-0.3925E+01	0.1920E+00	-0.1450E+02	0.1057E+00	-0.1948E+02
3.	0.1125E+00	0.1345E+03	0.7600E-01	0.1265E+03	0.4244E-01	0.1260E+03
4.	0.1284E+00	0.1626E+03	0.1004E+00	0.1562E+03	0.4969E-01	0.1574E+03
5.	0.7504E-01	0.7164E+02	0.7695E-01	0.8034E+02	0.3124E-01	0.7282E+02
6.	0.5677E-01	0.4423E+02	0.4917E-01	0.1530E+02	0.2889E-01	0.1958E+02
7.	0.5679E-01	-0.4393E+02	0.5871E-01	-0.5770E+02	0.2431E-01	-0.3859E+02
8.	0.3080E-01	-0.1181E+03	0.2805E-01	-0.1004E+03	0.7297E-02	-0.1087E+03
9.	0.2026E-01	0.1478E+03	0.3469E-01	0.1762E+03	0.1438E-01	0.1643E+03
10.	0.8754E-01	0.3972E+02	0.3675E-01	0.1185E+03	0.2086E-01	0.1149E+03
11.	0.6594E-01	0.5855E+02	0.6294E-01	0.5361E+02	0.2953E-01	0.5144E+02
12.	0.2917E-01	-0.8522E+02	0.4428E-01	-0.7717E+02	0.1484E-01	-0.7114E+02
13.	0.3291E-01	-0.8034E+02	0.2880E-01	-0.9085E+02	0.1761E-01	-0.8820E+02
14.	0.2329E-01	0.1731E+03	0.1783E-01	0.1505E+03	0.6215E-02	0.1559E+03
15.	0.3143E-01	0.8937E+02	0.3509E-01	0.8931E+02	0.1446E-01	0.8194E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1186E+02	0.0000E+00	0.1204E+02	0.0000E+00	0.1254E+02	0.0000E+00
1.	0.3979E+00	-0.9438E+02	0.1715E+00	-0.9233E+02	0.1186E+00	-0.8644E+02
2.	0.9594E-01	-0.3460E+02	0.4089E-01	-0.4222E+02	0.2193E-01	-0.5311E+02
3.	0.4243E-01	0.1315E+03	0.2353E-01	0.1242E+03	0.1766E-01	0.1330E+03
4.	0.5683E-01	0.1559E+03	0.2740E-01	0.1521E+03	0.1512E-01	0.1455E+03
5.	0.4468E-01	0.6466E+02	0.2100E-01	0.5855E+02	0.1379E-01	0.6232E+02
6.	0.3945E-01	-0.3148E+01	0.1851E-01	0.7283E+01	0.1391E-01	-0.4570E+01
7.	0.3293E-01	-0.5387E+02	0.1535E-01	-0.6235E+02	0.1028E-01	-0.7477E+02
8.	0.8809E-02	-0.1120E+03	0.4108E-02	-0.1354E+03	0.2122E-02	-0.6524E+02
9.	0.1653E-01	0.1702E+03	0.5732E-02	0.1780E+03	0.5413E-02	0.1595E+03
10.	0.1877E-01	0.1072E+03	0.8713E-02	0.9002E+02	0.4700E-02	0.7923E+02
11.	0.4141E-01	0.6096E+02	0.2386E-01	0.5468E+02	0.1454E-01	0.6060E+02
12.	0.2224E-01	-0.6691E+02	0.8584E-02	-0.8096E+02	0.8161E-02	-0.6775E+02
13.	0.1383E-01	-0.7886E+02	0.6178E-02	-0.9390E+02	0.6486E-02	-0.1160E+03
14.	0.9155E-02	-0.1501E+03	0.6410E-02	0.1557E+03	0.2394E-02	-0.8604E+02
15.	0.7029E-02	0.1276E+03	0.3985E-02	0.1185E+03	0.4161E-02	0.8084E+02

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9716E+01	0.0000E+00	0.9656E+01	0.0000E+00	0.9706E+01	0.0000E+00
1.	0.6866E+00	0.1481E+03	0.1136E+01	-0.1058E+03	0.1516E+01	-0.9800E+02
2.	0.3319E+00	0.3323E+02	0.6318E+00	-0.8322E-01	0.6619E+00	-0.8733E+01
3.	0.3185E+00	0.1588E+03	0.3698E+00	0.1118E+03	0.3453E+00	0.9594E+02
4.	0.3272E+00	0.1422E+03	0.3114E+00	0.1571E+03	0.2750E+00	0.1511E+03
5.	0.2547E+00	0.1094E+03	0.3554E-01	0.1073E+03	0.2520E-01	-0.1368E+03
6.	0.2142E+00	0.5966E+02	0.1637E+00	0.4140E+02	0.1537E+00	0.2016E+02
7.	0.1578E+00	0.1347E+02	0.5910E-01	0.2670E+02	0.8728E-01	0.6208E+02
8.	0.4624E-01	-0.1158E+03	0.6529E-01	-0.1159E+03	0.1264E+00	-0.1552E+03
9.	0.6819E-01	-0.1707E+03	0.1053E-01	-0.1475E+03	0.9726E-01	-0.8579E+02
10.	0.9494E-01	0.1061E+03	0.5991E-01	0.1055E+03	0.9763E-01	0.3313E+02
11.	0.1368E+00	0.6092E+02	0.7538E-01	0.5227E+02	0.1258E+00	0.8684E+02
12.	0.1002E+00	0.9996E+01	0.5348E-01	0.3788E+01	0.3901E-01	-0.1305E+03
13.	0.7691E-01	-0.5578E+02	0.5004E-01	-0.8640E+02	0.9988E-01	-0.6748E+02
14.	0.5092E-01	-0.1247E+03	0.5313E-01	-0.9776E+02	0.2289E-01	0.2476E+02
15.	0.4542E-01	0.1117E+03	0.4278E-01	0.6583E+02	0.5636E-01	0.1322E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1074E+02	0.0000E+00	0.1179E+02	0.0000E+00	0.1207E+02	0.0000E+00
1.	0.8230E+00	-0.9719E+02	0.4479E+00	-0.9427E+02	0.3401E+00	-0.9224E+02
2.	0.2201E+00	-0.1873E+02	0.1179E+00	-0.3383E+02	0.9505E-01	-0.4038E+02
3.	0.5579E-01	0.1157E+03	0.4255E-01	0.1368E+03	0.4523E-01	0.1427E+03
4.	0.8350E-01	0.1051E+03	0.6205E-01	0.1224E+03	0.6252E-01	0.1325E+03
5.	0.9295E-01	0.9413E+02	0.6249E-01	0.8576E+02	0.5914E-01	0.7874E+02
6.	0.1835E-01	0.4366E+02	0.3041E-01	0.1136E+02	0.4054E-01	-0.1108E+02
7.	0.5669E-01	-0.3807E+02	0.5182E-01	-0.3262E+02	0.5341E-01	-0.3305E+02
8.	0.1544E-01	-0.8024E+02	0.2131E-01	-0.1160E+03	0.2638E-01	-0.1223E+03
9.	0.2189E-01	0.1563E+03	0.1433E-01	-0.1684E+03	0.1461E-01	-0.1447E+03
10.	0.2386E-01	0.1398E+03	0.1991E-01	0.1527E+03	0.2723E-01	0.1364E+03
11.	0.3425E-01	0.2399E+02	0.3322E-01	0.5934E+02	0.3777E-01	0.5933E+02
12.	0.3812E-01	0.1914E+01	0.3131E-01	-0.4952E+01	0.3162E-01	-0.9946E+01
13.	0.1126E-01	-0.1033E+03	0.2071E-01	-0.6531E+02	0.1957E-01	-0.6960E+02
14.	0.3658E-01	-0.1524E+03	0.2384E-01	-0.1403E+03	0.2393E-01	-0.1268E+03
15.	0.5801E-02	0.1259E+03	0.9839E-02	0.1375E+03	0.1802E-01	0.1423E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1201E+02	0.0000E+00	0.1219E+02	0.0000E+00	0.1237E+02	0.0000E+00
1.	0.2257E+00	-0.9314E+02	0.1851E+00	-0.9214E+02	0.1331E+00	-0.8747E+02
2.	0.6612E-01	-0.3287E+02	0.5667E-01	-0.3341E+02	0.4924E-01	-0.4264E+02
3.	0.2912E-01	0.1423E+03	0.2238E-01	0.1543E+03	0.2308E-01	0.1507E+03
4.	0.3583E-01	0.1286E+03	0.2669E-01	0.1257E+03	0.2737E-01	0.1305E+03
5.	0.3644E-01	0.8930E+02	0.3156E-01	0.8556E+02	0.3379E-01	0.8046E+02
6.	0.2213E-01	0.1467E+02	0.2114E-01	0.1577E+02	0.2172E-01	0.4738E+01
7.	0.2818E-01	-0.2608E+02	0.2434E-01	-0.1546E+02	0.2655E-01	-0.2668E+02
8.	0.1032E-01	-0.1203E+03	0.7688E-02	-0.1373E+03	0.9500E-02	-0.1286E+03
9.	0.8797E-02	-0.1574E+03	0.6178E-02	-0.1673E+03	0.7669E-02	-0.1507E+03
10.	0.1097E-01	0.1487E+03	0.1221E-01	0.1405E+03	0.1292E-01	0.1406E+03
11.	0.2071E-01	0.5304E+02	0.1612E-01	0.5537E+02	0.1846E-01	0.5986E+02
12.	0.1943E-01	-0.8117E+01	0.1554E-01	-0.9497E+01	0.1788E-01	-0.1352E+02
13.	0.1220E-01	-0.7088E+02	0.9120E-02	-0.6738E+02	0.9250E-02	-0.6550E+02
14.	0.1577E-01	-0.1394E+03	0.9671E-02	-0.1248E+03	0.1282E-01	-0.1297E+03
15.	0.7548E-02	0.1588E+03	0.3171E-02	0.1721E+03	0.8442E-02	0.1304E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.80		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00	0.1222E+02	0.0000E+00	0.1321E+02	0.0000E+00
1.	0.1031E+00	-0.8842E+02	0.6408E-01	-0.7923E+02	0.7995E-01	0.7955E+02
2.	0.4582E-01	-0.5418E+02	0.2510E-01	-0.6269E+02	0.5230E-01	-0.1223E+03
3.	0.2448E-01	0.1457E+03	0.1372E-01	0.1482E+03	0.1819E-01	0.1403E+03
4.	0.2522E-01	0.1341E+03	0.1198E-01	0.1327E+03	0.2821E-01	0.1120E+03
5.	0.3201E-01	0.7419E+02	0.1830E-01	0.7556E+02	0.3897E-01	0.4459E+02
6.	0.2127E-01	-0.1094E+01	0.1297E-01	0.4725E+01	0.2413E-01	-0.4880E+02
7.	0.2615E-01	-0.3332E+02	0.1374E-01	-0.3600E+02	0.2484E-01	-0.7585E+02
8.	0.1116E-01	-0.1391E+03	0.3443E-02	-0.1377E+03	0.2277E-01	-0.1695E+03
9.	0.1122E-01	-0.1465E+03	0.2381E-02	-0.1678E+03	0.1340E-01	-0.1155E+03
10.	0.1043E-01	0.1541E+03	0.5728E-02	0.1427E+03	0.5892E-02	-0.1384E+03
11.	0.1876E-01	0.5870E+02	0.1085E-01	0.3999E+02	0.1802E-01	0.2047E+02
12.	0.1768E-01	-0.1273E+02	0.1118E-01	-0.7957E+01	0.2487E-01	-0.3983E+02
13.	0.9735E-02	-0.6771E+02	0.3914E-02	-0.1065E+03	0.6710E-02	-0.5406E+02
14.	0.1252E-01	-0.1383E+03	0.7847E-02	-0.1395E+03	0.1066E-01	-0.1798E+03
15.	0.5436E-02	0.1102E+03	0.2826E-02	0.1280E+03	0.1213E-01	0.8961E+02

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1033E+02	0.0000E+00	0.8802E+01	0.0000E+00	0.9129E+01	0.0000E+00
1.	0.2443E+01	0.1129E+03	0.9519E+00	0.1480E+03	0.1305E+01	-0.1098E+03
2.	0.6667E+00	0.3968E+02	0.3355E+00	0.4508E+02	0.5824E+00	-0.4480E+01
3.	0.2440E+00	0.1544E+03	0.3151E+00	0.1564E+03	0.2201E+00	0.1186E+03
4.	0.5179E+00	0.1512E+03	0.3888E+00	0.1357E+03	0.1481E+00	0.1241E+03
5.	0.4606E+00	0.1269E+03	0.3228E+00	0.1098E+03	0.2282E+00	0.8468E+02
6.	0.4042E+00	0.6845E+02	0.2625E+00	0.5483E+02	0.1077E+00	0.7405E+02
7.	0.3782E+00	0.2520E+02	0.2142E+00	0.1732E+02	0.8313E-01	-0.1717E+02
8.	0.1654E+00	-0.1424E+02	0.6346E-01	-0.1341E+02	0.2855E-01	0.1925E+02
9.	0.1284E+00	-0.1404E+03	0.8468E-01	-0.1727E+03	0.6902E-01	-0.1610E+03
10.	0.1489E+00	0.1424E+03	0.8462E-01	0.1111E+03	0.3585E-02	-0.7085E+01
11.	0.2183E+00	0.7015E+02	0.1248E+00	0.5171E+02	0.8258E-01	0.4092E+02
12.	0.2297E+00	0.2177E+02	0.1100E+00	0.8609E+00	0.3198E-01	-0.4805E+01
13.	0.1864E+00	-0.3617E+02	0.8999E-01	-0.6017E+02	0.5784E-01	-0.9241E+02
14.	0.1828E+00	-0.1005E+03	0.8732E-01	-0.1185E+03	0.5927E-01	-0.1249E+03
15.	0.1140E+00	-0.1614E+03	0.4056E-01	0.1677E+03	0.2056E-01	0.1743E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1005E+02	0.0000E+00	0.1096E+02	0.0000E+00	0.1092E+02	0.0000E+00
1.	0.1418E+01	-0.1028E+03	0.9229E+00	-0.9981E+02	0.7538E+00	-0.9789E+02
2.	0.7849E+00	-0.1539E+02	0.3480E+00	-0.1488E+02	0.1802E+00	-0.2872E+02
3.	0.4807E+00	0.7568E+02	0.1479E+00	0.9107E+02	0.2388E-01	-0.1344E+03
4.	0.4235E+00	0.1426E+03	0.1877E+00	0.1413E+03	0.7553E-01	0.8023E+02
5.	0.1270E+00	-0.1503E+03	0.4263E-01	-0.1706E+03	0.1356E+00	0.8709E+02
6.	0.1739E+00	-0.8538E+01	0.1518E+00	-0.8822E+01	0.1395E-01	0.9444E+02
7.	0.8000E-01	0.4596E+02	0.1421E+00	0.4256E+02	0.7123E-01	-0.4904E+02
8.	0.5083E-01	-0.1233E+03	0.1217E+00	0.1557E+03	0.2788E-01	-0.1090E+02
9.	0.5247E-01	-0.4753E+02	0.1442E+00	-0.1229E+03	0.2928E-01	0.1505E+03
10.	0.9597E-01	0.7930E+02	0.1009E+00	-0.2272E+02	0.4141E-01	0.1808E+03
11.	0.6102E-01	0.1273E+03	0.1834E+00	0.5790E+02	0.2858E-01	0.2508E+02
12.	0.6068E-01	-0.6877E+02	0.8022E-01	0.1401E+03	0.4413E-01	-0.1108E+02
13.	0.2965E-01	-0.7982E+02	0.1168E+00	-0.1124E+03	0.1487E-01	-0.6540E+02
14.	0.7748E-01	-0.1442E+03	0.9197E-01	-0.5490E+02	0.4423E-01	-0.1371E+03
15.	0.4182E-01	-0.8168E+02	0.7222E-01	0.6536E+02	0.1036E-01	-0.1798E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1153E+02	0.0000E+00	0.1180E+02	0.0000E+00	0.1228E+02	0.0000E+00
1.	0.4279E+00	-0.9388E+02	0.2903E+00	-0.9115E+02	0.1946E+00	-0.9035E+02
2.	0.1092E+00	-0.3543E+02	0.8405E-01	-0.4106E+02	0.6166E-01	-0.3475E+02
3.	0.1389E-01	-0.1795E+03	0.1161E-01	-0.1771E+03	0.8859E-02	-0.1698E+03
4.	0.5243E-01	0.1122E+03	0.4765E-01	0.1202E+03	0.2730E-01	0.1095E+03
5.	0.7249E-01	0.7678E+02	0.5983E-01	0.7579E+02	0.4057E-01	0.8212E+02
6.	0.2864E-01	-0.3380E+00	0.2945E-01	-0.6118E+01	0.1806E-01	0.1662E+02
7.	0.4497E-01	-0.3774E+02	0.3838E-01	-0.3452E+02	0.2294E-01	-0.2100E+02
8.	0.4500E-02	-0.3983E+02	0.3235E-02	0.1785E+02	0.1394E-02	0.9978E+02
9.	0.1880E-01	-0.1795E+03	0.2158E-01	-0.1763E+03	0.555E-01	0.1751E+03
10.	0.2854E-01	0.1427E+03	0.2230E-01	0.1454E+03	0.1582E-01	0.1453E+03
11.	0.2247E-01	0.5840E+02	0.1791E-01	0.5507E+02	0.8099E-02	0.6188E+02
12.	0.3325E-01	-0.3644E+02	0.3057E-01	-0.3728E+02	0.1975E-01	-0.3566E+02
13.	0.2218E-01	-0.6598E+02	0.2280E-01	-0.6442E+02	0.1299E-01	-0.6509E+02
14.	0.2848E-01	-0.1368E+03	0.2356E-01	-0.1330E+03	0.1502E-01	-0.1343E+03
15.	0.1260E-01	0.1469E+03	0.1371E-01	0.1274E+03	0.8592E-02	0.1467E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.65		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1258E+02	0.0000E+00	0.1296E+02	0.0000E+00	0.1227E+02	0.0000E+00
1.	0.1048E+00	-0.8237E+02	0.8969E-01	-0.7582E+02	0.7523E-01	-0.7592E+02
2.	0.4279E-01	-0.4759E+02	0.4167E-01	-0.4069E+02	0.3813E-01	-0.4963E+02
3.	0.6705E-02	-0.1355E+03	0.5027E-02	-0.1772E+03	0.1567E-01	0.1618E+03
4.	0.2118E-01	0.1198E+03	0.2211E-01	0.1234E+03	0.1799E-01	0.1188E+03
5.	0.3046E-01	0.7471E+02	0.3048E-01	0.7931E+02	0.2801E-01	0.7184E+02
6.	0.1571E-01	-0.6050E+01	0.1765E-01	-0.2821E+01	0.1734E-01	-0.6498E+01
7.	0.1899E-01	-0.2547E+02	0.1825E-01	-0.2897E+02	0.2308E-01	-0.3505E+02
8.	0.2854E-02	0.1055E+03	0.3803E-02	0.8214E+02	0.7751E-02	-0.1258E+03
9.	0.1355E-01	0.1787E+03	0.1256E-01	-0.1758E+03	0.8211E-02	0.1744E+03
10.	0.1348E-01	0.1444E+03	0.1172E-01	0.1539E+03	0.1410E-01	0.1318E+03
11.	0.5626E-02	0.6401E+02	0.7490E-02	0.4637E+02	0.1424E-01	0.4990E+02
12.	0.1743E-01	-0.3986E+02	0.1621E-01	-0.4446E+02	0.1529E-01	-0.3439E+02
13.	0.1233E-01	-0.5260E+02	0.1143E-01	-0.6215E+02	0.9083E-02	-0.7670E+02
14.	0.1398E-01	-0.1341E+03	0.1346E-01	-0.1311E+03	0.1160E-01	-0.1586E+03
15.	0.7756E-02	0.1307E+03	0.7106E-02	0.1205E+03	0.8654E-02	0.1347E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1278E+02	0.0000E+00
1.	0.3350E-01	0.3008E+02
2.	0.2253E-01	-0.6218E+02
3.	0.1203E-01	0.1591E+03
4.	0.1021E-01	0.1224E+03
5.	0.1826E-01	0.7117E+02
6.	0.1221E-01	-0.4741E+01
7.	0.1699E-01	-0.3637E+02
8.	0.5233E-02	-0.1408E+03
9.	0.6193E-02	0.1655E+03
10.	0.8473E-02	0.1392E+03
11.	0.1002E-01	0.3801E+02
12.	0.1213E-01	-0.3171E+02
13.	0.6406E-02	-0.8181E+02
14.	0.9893E-02	-0.1683E+03
15.	0.6751E-02	0.1380E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1126E+02	0.0000E+00	0.8158E+01	0.0000E+00	0.9572E+01	0.0000E+00
1.	0.2817E+01	0.1116E+03	0.1377E+01	0.1785E+03	0.1099E+01	-0.1207E+03
2.	0.7108E+00	0.3504E+02	0.5259E+00	0.2063E+02	0.4087E+00	-0.1159E+02
3.	0.1264E+00	0.1526E+03	0.3695E+00	0.1321E+03	0.1291E+00	0.1233E+03
4.	0.4534E+00	0.1548E+03	0.5432E+00	0.1442E+03	0.1646E+00	0.1259E+03
5.	0.3542E+00	0.1372E+03	0.4320E+00	0.1197E+03	0.1773E+00	0.1251E+02
6.	0.2604E+00	0.8639E+02	0.3627E+00	0.7091E+02	0.1324E+00	0.5744E+02
7.	0.3153E+00	0.1619E+02	0.2724E+00	0.2363E+02	0.9921E-01	0.1269E+02
8.	0.1723E+00	-0.2527E+02	0.1418E+00	-0.3852E+02	0.2902E-01	-0.2412E+02
9.	0.1479E+00	-0.1191E+03	0.1431E+00	-0.1211E+03	0.4630E-01	-0.1453E+03
10.	0.1583E+00	-0.1736E+03	0.1371E+00	0.1778E+03	0.3916E-01	0.1760E+03
11.	0.1184E+00	0.1112E+03	0.1137E+00	0.9992E+02	0.3810E-01	0.5495E+02
12.	0.1383E+00	0.4257E+02	0.1068E+00	0.2567E+02	0.5957E-01	-0.2567E+01
13.	0.1340E+00	-0.1051E+02	0.1133E+00	-0.3879E+02	0.5862E-01	-0.4751E+02
14.	0.1356E+00	-0.8462E+02	0.1357E+00	-0.1076E+03	0.5411E-01	-0.1009E+03
15.	0.1308E+00	-0.1355E+03	0.1157E+00	-0.1877E+03	0.3339E-01	0.1745E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1016E+02	0.0000E+00	0.1116E+02	0.0000E+00	0.1203E+02	0.0000E+00
1.	0.1749E+01	-0.1030E+03	0.6501E+00	-0.9773E+02	0.4392E+00	-0.9205E+02
2.	0.8144E+00	-0.1909E+02	0.9670E-01	-0.4480E+02	0.9478E-01	-0.4727E+02
3.	0.3904E+00	0.7252E+02	0.6500E-01	-0.1318E+03	0.2180E-01	-0.1549E+03
4.	0.2928E+00	0.1407E+03	0.4219E-01	0.9415E+02	0.6373E-01	0.1276E+03
5.	0.5121E-01	0.9779E+02	0.1157E+00	0.7207E+02	0.7687E-01	0.7241E+02
6.	0.1106E+00	0.5259E+02	0.4484E-01	0.1760E+02	0.4406E-01	-0.9758E+01
7.	0.3379E-01	-0.1158E+03	0.6360E-01	-0.3076E+02	0.5580E-01	-0.4256E+02
8.	0.1008E+00	-0.6500E+02	0.1952E-01	0.3532E+02	0.1552E-01	0.4387E+01
9.	0.3907E-01	0.2024E+02	0.3754E-01	-0.1722E+03	0.1967E-01	0.1798E+03
10.	0.5729E-01	0.1391E+03	0.2128E-01	-0.1753E+03	0.2857E-01	0.1366E+03
11.	0.2770E-01	0.9526E+01	0.3609E-01	0.3838E+02	0.2419E-01	0.8374E+02
12.	0.6862E-01	0.1633E+02	0.3195E-01	-0.1367E+01	0.2773E-01	-0.4401E+02
13.	0.1698E-01	-0.1538E+03	0.2596E-01	-0.8020E+02	0.3295E-01	-0.6677E+02
14.	0.8191E-01	-0.1159E+03	0.4762E-01	-0.1281E+03	0.3414E-01	-0.1342E+03
15.	0.6660E-02	0.7935E+01	0.1446E-01	0.1541E+03	0.2321E-01	0.1452E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1219E+02	0.0000E+00	0.1230E+02	0.0000E+00	0.1239E+02	0.0000E+00
1.	0.2792E+00	-0.8437E+02	0.1876E+00	-0.6886E+02	0.1454E+00	-0.6132E+02
2.	0.6716E-01	-0.6672E+02	0.4437E-01	-0.4654E+02	0.4200E-01	-0.3961E+02
3.	0.1846E-01	-0.1001E+03	0.2485E-01	0.1638E+03	0.2116E-01	0.1600E+03
4.	0.5813E-01	0.1318E+03	0.2071E-01	0.1172E+03	0.1872E-01	0.1214E+03
5.	0.5804E-01	0.7112E+02	0.3163E-01	0.6739E+02	0.2795E-01	0.6858E+02
6.	0.4804E-01	-0.2213E+02	0.1886E-01	-0.1554E+02	0.1616E-01	-0.1187E+02
7.	0.4665E-01	-0.4019E+02	0.2726E-01	-0.4850E+02	0.2187E-01	-0.4981E+02
8.	0.2137E-01	0.3143E+02	0.5274E-02	-0.1112E+03	0.4506E-02	-0.9620E+02
9.	0.2017E-01	-0.1795E+03	0.8393E-02	0.1742E+03	0.8885E-02	0.1739E+03
10.	0.2379E-01	0.1342E+03	0.1222E-01	0.1321E+03	0.1056E-01	0.1320E+03
11.	0.1996E-01	0.8940E+02	0.1217E-01	0.6310E+02	0.9946E-02	0.5880E+02
12.	0.2332E-01	-0.5939E+02	0.1623E-01	-0.4509E+02	0.1381E-01	-0.5501E+02
13.	0.3014E-01	-0.7043E+02	0.1860E-01	-0.8392E+02	0.1570E-01	-0.8369E+02
14.	0.3070E-01	-0.1259E+03	0.1259E-01	-0.1581E+03	0.9078E-02	-0.1543E+03
15.	0.1884E-01	0.1377E+03	0.1295E-01	0.1092E+03	0.1183E-01	0.1049E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1257E+02	0.0000E+00	0.1304E+02	0.0000E+00
1.	0.9909E-01	-0.1921E+02	0.1198E+00	0.6136E+02
2.	0.3021E-01	-0.4134E+02	0.1194E-01	-0.8141E+02
3.	0.2124E-01	0.1636E+03	0.1151E-01	-0.1790E+03
4.	0.1744E-01	0.1412E+03	0.1327E-01	0.1558E+03
5.	0.2112E-01	0.7091E+02	0.8866E-02	0.5866E+02
6.	0.1541E-01	-0.8475E+01	0.1167E-01	-0.4684E+02
7.	0.2373E-01	-0.4045E+02	0.1779E-01	-0.4664E+02
8.	0.1347E-01	-0.1276E+03	0.9576E-02	-0.1373E+03
9.	0.4976E-02	-0.1732E+03	0.4408E-02	0.1734E+03
10.	0.1161E-01	0.1341E+03	0.7521E-02	0.1400E+03
11.	0.1337E-01	0.6627E+02	0.8288E-02	0.5844E+02
12.	0.1436E-01	-0.2177E+02	0.1126E-01	-0.3916E+02
13.	0.1063E-01	-0.6797E+02	0.7567E-02	-0.7531E+02
14.	0.1009E-01	-0.1744E+03	0.9005E-02	0.1773E+03
15.	0.1190E-01	0.1258E+03	0.1153E-01	0.1263E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1090E+02	0.0000E+00	0.9043E+01	0.0000E+00	0.8873E+01	0.0000E+00
1.	0.2254E+01	0.1143E+03	0.1002E+01	0.1565E+03	0.1304E+01	-0.1172E+03
2.	0.5321E+00	0.3739E+02	0.3146E+00	0.3470E+02	0.3698E+00	-0.1116E+02
3.	0.1382E+00	0.1288E+03	0.2531E+00	0.1363E+03	0.1465E+00	0.1465E+03
4.	0.3703E+00	0.1488E+03	0.3598E+00	0.1340E+03	0.1254E+00	0.1330E+03
5.	0.2846E+00	0.1355E+03	0.2614E+00	0.1111E+03	0.1611E+00	0.8843E+02
6.	0.2043E+00	0.6025E+02	0.2170E+00	0.4088E+02	0.9989E-01	0.3251E+02
7.	0.2559E+00	0.9729E+01	0.2460E+00	-0.1954E+01	0.1351E+00	-0.2026E+02
8.	0.1632E+00	-0.2669E+02	0.1295E+00	-0.2759E+02	0.6273E-01	-0.3127E+02
9.	0.1251E+00	-0.1143E+03	0.6819E-01	-0.1269E+03	0.1469E-01	-0.1537E+03
10.	0.1367E+00	-0.1678E+03	0.6893E-01	0.1647E+03	0.4859E-01	0.1200E+03
11.	0.8467E-01	0.1084E+03	0.5610E-01	0.5156E+02	0.5030E-01	0.4451E+02
12.	0.1053E+00	0.3519E+02	0.8825E-01	-0.2584E+02	0.5113E-01	-0.4238E+02
13.	0.1035E+00	-0.8837E+01	0.8384E-01	-0.5844E+02	0.3903E-01	-0.6765E+02
14.	0.9337E-01	-0.8977E+02	0.8825E-01	-0.1274E+03	0.3895E-01	-0.1410E+03
15.	0.1180E+00	-0.1420E+03	0.8789E-01	-0.1679E+03	0.3688E-01	-0.1767E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1016E+02	0.0000E+00	0.1113E+02	0.0000E+00	0.1212E+02	0.0000E+00
1.	0.1503E+01	-0.1065E+03	0.6790E+00	-0.9473E+02	0.3740E+00	-0.8641E+02
2.	0.8438E+00	-0.2559E+02	0.1232E+00	-0.2349E+02	0.7374E-01	-0.3365E+02
3.	0.5177E+00	0.5477E+02	0.5504E-01	0.1789E+03	0.3114E-01	0.1617E+03
4.	0.4723E+00	0.1249E+03	0.2270E-01	0.9909E+02	0.4123E-01	0.1214E+03
5.	0.2233E+00	0.1773E+03	0.9033E-01	0.6361E+02	0.5831E-01	0.6888E+02
6.	0.1367E+00	-0.5208E+02	0.3670E-01	0.3248E+02	0.2404E-01	0.4472E+01
7.	0.9736E-01	-0.2043E+02	0.3700E-01	-0.4148E+02	0.4085E-01	-0.5590E+02
8.	0.7595E-01	-0.1078E+03	0.2642E-01	-0.9699E+02	0.1869E-01	-0.9376E+02
9.	0.9549E-01	-0.5474E+02	0.1303E-01	-0.1113E+03	0.1466E-01	-0.1253E+03
10.	0.1314E+00	0.4774E+02	0.2206E-01	0.1321E+03	0.2246E-01	0.1320E+03
11.	0.1224E+00	0.8939E+02	0.4687E-01	0.3991E+02	0.3908E-01	0.4302E+02
12.	0.5694E-01	-0.1443E+03	0.2513E-01	-0.4064E+02	0.2380E-01	-0.5001E+02
13.	0.4296E-01	-0.1004E+03	0.2477E-01	-0.7688E+02	0.1998E-01	-0.8538E+02
14.	0.4695E-01	-0.1843E+03	0.2028E-01	-0.1722E+03	0.1397E-01	0.1708E+03
15.	0.5813E-01	-0.1244E+03	0.2093E-01	0.1677E+03	0.1871E-01	0.1569E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1206E+02	0.0000E+00	0.1244E+02	0.0000E+00	0.1221E+02	0.0000E+00
1.	0.1281E+00	-0.4641E+02	0.1227E+00	-0.3070E+02	0.1273E+00	-0.1604E+02
2.	0.3686E-01	-0.2527E+02	0.3123E-01	-0.2331E+02	0.2837E-01	-0.2782E+02
3.	0.2018E-01	0.1658E+03	0.2076E-01	0.1780E+03	0.2065E-01	-0.1785E+03
4.	0.1555E-01	0.1201E+03	0.1234E-01	0.1357E+03	0.1274E-01	0.1454E+03
5.	0.2710E-01	0.6956E+02	0.2328E-01	0.7970E+02	0.2215E-01	0.7454E+02
6.	0.1338E-01	0.1371E+02	0.1223E-01	0.1188E+02	0.1264E-01	0.6321E+01
7.	0.1854E-01	-0.4834E+02	0.1741E-01	-0.3434E+02	0.1793E-01	-0.3819E+02
8.	0.5723E-02	-0.8566E+02	0.5743E-02	-0.8989E+02	0.6346E-02	-0.9425E+02
9.	0.6936E-02	-0.1763E+03	0.4258E-02	-0.1403E+03	0.5174E-02	-0.1519E+03
10.	0.1210E-01	0.1309E+03	0.1120E-01	0.1409E+03	0.1099E-01	0.1396E+03
11.	0.1520E-01	0.4002E+02	0.1238E-01	0.5585E+02	0.1340E-01	0.5091E+02
12.	0.1152E-01	-0.6365E+02	0.1097E-01	-0.3158E+02	0.1150E-01	-0.4244E+02
13.	0.9808E-02	-0.8067E+02	0.7224E-02	-0.5833E+02	0.8242E-02	-0.6345E+02
14.	0.6531E-02	-0.1768E+03	0.4955E-02	-0.1471E+03	0.4577E-02	-0.1661E+03
15.	0.7978E-02	0.1384E+03	0.7492E-02	0.1555E+03	0.8297E-02	0.1449E+03



Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1245E+02	0.0000E+00	0.1253E+02	0.0000E+00
1.	0.1142E+00	0.1366E+02	0.1818E+00	0.6089E+02
2.	0.2689E-01	-0.1412E+02	0.1533E-01	0.2109E+02
3.	0.1571E-01	-0.1629E+03	0.8986E-02	-0.1264E+03
4.	0.1144E-01	0.1705E+03	0.1785E-01	-0.1769E+03
5.	0.1645E-01	0.8407E+02	0.8825E-02	0.9459E+02
6.	0.1086E-01	0.1098E+02	0.8737E-02	-0.3873E+02
7.	0.1452E-01	-0.3471E+02	0.1189E-01	-0.4258E+02
8.	0.4322E-02	-0.8029E+02	0.2277E-02	-0.8121E+02
9.	0.3343E-02	-0.1379E+03	0.2869E-02	-0.1111E+03
10.	0.8682E-02	0.1460E+03	0.5531E-02	0.1547E+03
11.	0.9855E-02	0.5388E+02	0.7978E-02	0.4476E+02
12.	0.8050E-02	-0.3900E+02	0.9049E-02	-0.5804E+02
13.	0.5462E-02	-0.5851E+02	0.4261E-02	-0.7142E+02
14.	0.3079E-02	-0.1747E+03	0.3019E-02	0.1552E+03
15.	0.0214E-02	0.1467E+03	0.6420E-02	0.1296E+03

Table IV-11a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.9970E+01	0.0000E+00	0.9756E+01	0.0000E+00
1.	0.1899E+01	0.1181E+03	0.9528E+00	0.1707E+03	0.1587E+01	-0.1188E+03
2.	0.3671E+00	0.3554E+02	0.1782E+00	0.2452E+02	0.6261E+00	-0.3537E+02
3.	0.1171E+00	0.1000E+03	0.1519E+00	0.1329E+03	0.1842E+00	0.4222E+02
4.	0.3004E+00	0.1442E+03	0.2598E+00	0.1368E+03	0.1713E+00	0.1062E+03
5.	0.2096E+00	0.1345E+03	0.1702E+00	0.1194E+03	0.1388E+00	0.9140E+02
6.	0.1232E+00	0.4558E+02	0.1090E+00	0.3107E+02	0.5550E-01	0.3061E+02
7.	0.1920E+00	-0.3321E+01	0.1519E+00	-0.1081E+02	0.9615E-01	-0.1952E+02
8.	0.1346E+00	-0.2685E+02	0.9584E-01	-0.2954E+02	0.5158E-01	0.4352E+02
9.	0.9435E-01	-0.1218E+03	0.6728E-01	-0.1279E+03	0.9421E-01	-0.1760E+03
10.	0.1156E+00	-0.1711E+03	0.7133E-01	-0.1734E+03	0.7667E-01	-0.1373E+03
11.	0.6270E-01	0.1263E+03	0.3221E-01	0.9448E+02	0.3618E-01	-0.5593E+01
12.	0.6659E-01	0.2768E+02	0.5058E-01	0.2740E+01	0.4181E-01	-0.1933E+02
13.	0.8151E-01	-0.1328E+02	0.5641E-01	-0.3481E+02	0.4563E-01	-0.5721E+02
14.	0.5391E-01	-0.9762E+02	0.4610E-01	-0.1262E+03	0.2846E-01	-0.1282E+03
15.	0.8163E-01	-0.1804E+03	0.6371E-01	-0.1745E+03	0.3333E-01	0.1658E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1064E+02	0.0000E+00	0.1141E+02	0.0000E+00	0.1142E+02	0.0000E+00
1.	0.7285E+00	-0.1112E+03	0.6636E+00	-0.1019E+03	0.6719E+00	-0.9833E+02
2.	0.2447E+00	-0.2985E+02	0.1887E+00	-0.3051E+02	0.1445E+00	-0.2988E+02
3.	0.9338E-01	0.9037E+02	0.6111E-01	0.1029E+03	0.4155E-01	0.1105E+03
4.	0.1077E+00	0.1315E+03	0.6747E-01	0.1278E+03	0.4956E-01	0.1236E+03
5.	0.3610E-01	0.8828E+02	0.5324E-01	0.6138E+02	0.4955E-01	0.6621E+02
6.	0.6140E-01	-0.1220E+02	0.4763E-01	0.3855E+00	0.3378E-01	0.7706E+00
7.	0.4796E-01	-0.2800E+02	0.3408E-01	-0.4454E+02	0.2708E-01	-0.5498E+02
8.	0.1088E-01	-0.3878E+02	0.9266E-02	-0.2537E+02	0.1337E-01	-0.1955E+02
9.	0.3216E-01	-0.1530E+03	0.3045E-01	-0.1512E+03	0.2338E-01	-0.1551E+03
10.	0.1356E-01	-0.1744E+03	0.7536E-02	-0.1446E+03	0.7114E-02	-0.1472E+03
11.	0.2650E-01	0.4246E+02	0.2998E-01	0.4067E+02	0.2274E-01	0.3887E+02
12.	0.2328E-01	-0.7001E+02	0.1909E-01	-0.8294E+02	0.1727E-01	-0.9043E+02
13.	0.3284E-01	-0.8950E+02	0.3554E-01	-0.1013E+03	0.3004E-01	-0.1021E+03
14.	0.2412E-01	-0.1584E+03	0.2224E-01	-0.1489E+03	0.1985E-01	-0.1507E+03
15.	0.1853E-01	0.1500E+03	0.1334E-01	0.1331E+03	0.1142E-01	0.1274E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1188E+02	0.0000E+00	0.1231E+02	0.0000E+00	0.1229E+02	0.0000E+00
1.	0.3550E+00	-0.6369E+02	0.2532E+00	-0.4600E+02	0.1865E+00	-0.7361E+01
2.	0.7468E-01	-0.2370E+02	0.6306E-01	-0.2225E+02	0.6305E-01	-0.1617E+02
3.	0.2819E-01	0.1411E+03	0.1890E-01	0.1560E+03	0.4188E-01	0.1641E+03
4.	0.5163E-01	0.1329E+03	0.5908E-01	0.1366E+03	0.3183E-01	0.1191E+03
5.	0.4705E-01	0.6797E+02	0.4218E-01	0.7251E+02	0.1803E-01	0.9301E+02
6.	0.2521E-01	-0.7803E+01	0.2893E-01	-0.1368E+02	0.1819E-01	0.6109E+02
7.	0.2997E-01	-0.5403E+02	0.3258E-01	-0.5335E+02	0.2067E-01	-0.2794E+02
8.	0.7807E-02	-0.3107E+02	0.1210E-01	-0.1330E+02	0.1093E-01	-0.8365E+02
9.	0.1711E-01	-0.1236E+03	0.2019E-01	-0.1292E+03	0.7273E-02	-0.1274E+03
10.	0.9999E-02	-0.1556E+03	0.1129E-01	-0.1776E+03	0.4209E-02	0.1759E+03
11.	0.2544E-01	0.5783E+02	0.2404E-01	0.5091E+02	0.1310E-01	0.4906E+02
12.	0.2171E-01	-0.3903E+02	0.2011E-01	-0.5207E+02	0.6931E-02	-0.1149E+02
13.	0.2091E-01	-0.6348E+02	0.2235E-01	-0.5834E+02	0.8574E-02	-0.4981E+02
14.	0.1082E-01	-0.1323E+03	0.1224E-01	-0.1390E+03	0.5606E-02	0.1612E+03
15.	0.9114E-02	0.1103E+03	0.1550E-01	0.1104E+03	0.4150E-02	0.1240E+03

Table IV-11a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.80		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1223E+02	0.0000E+00	0.1236E+02	0.0000E+00	0.1209E+02	0.0000E+00
1.	0.2294E+00	0.1827E+02	0.3056E+00	0.3926E+02	0.8688E+00	0.4034E+02
2.	0.8547E-01	-0.2114E+02	0.1558E+00	-0.2607E+02	0.3086E+00	-0.8950E+02
3.	0.5909E-01	-0.1776E+03	0.1041E+00	-0.1680E+03	0.9819E-01	0.1314E+03
4.	0.3865E-01	0.1173E+03	0.5036E-01	0.1004E+03	0.1960E-01	-0.1758E+03
5.	0.1689E-01	0.7803E+02	0.5344E-02	0.2420E+02	0.3381E-01	0.1435E+03
6.	0.1156E-01	0.7550E+02	0.9267E-02	0.1491E+03	0.2967E-01	0.4695E+02
7.	0.1908E-01	-0.2302E+02	0.1569E-01	0.2719E+02	0.2983E-01	-0.5131E+02
8.	0.1190E-01	-0.6371E+02	0.1692E-01	-0.4032E+02	0.7011E-02	-0.1530E+03
9.	0.9715E-02	-0.1265E+03	0.1980E-01	-0.9839E+02	0.7756E-02	-0.5055E+02
10.	0.6483E-02	-0.1666E+03	0.7768E-02	0.1509E+03	0.3492E-02	-0.3038E+02
11.	0.1313E-01	0.5465E+02	0.1304E-01	0.3739E+02	0.4134E-02	-0.4290E+02
12.	0.6608E-02	0.5076E+01	0.5600E-02	-0.7589E+01	0.7244E-02	0.8106E+02
13.	0.9822E-02	-0.3570E+02	0.1081E-01	0.3169E+02	0.1528E-01	0.3208E+02
14.	0.4562E-02	0.1683E+03	0.7051E-02	-0.2695E+02	0.8044E-02	-0.1880E+02
15.	0.2098E-02	0.1729E+03	0.3286E-02	-0.1497E+03	0.5410E-02	-0.1267E+03

Table IV-11b. Harmonic pressure data for 98 KTAS, 400 FPM R/S, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1320E+02	0.0000E+00	0.1309E+02	0.0000E+00	0.1278E+02	0.0000E+00
1.	0.8454E+00	0.8627E+02	0.2887E+00	0.1062E+03	0.7284E-01	0.1743E+03
2.	0.9334E-01	-0.1080E+03	0.1372E+00	-0.5374E+02	0.1134E+00	-0.4000E+02
3.	0.2755E-01	-0.1532E+03	0.8587E-02	-0.1135E+02	0.1467E-01	0.1440E+02
4.	0.5626E-02	0.1278E+03	0.2057E-01	-0.7040E+02	0.1812E-01	-0.6939E+02
5.	0.2232E-01	0.7432E+02	0.1152E-01	0.4461E+02	0.4888E-02	-0.2736E+01
6.	0.1407E-01	-0.1680E+03	0.2978E-01	0.1635E+03	0.2263E-01	0.1566E+03
7.	0.1798E-01	-0.7402E+02	0.3069E-01	-0.1525E+03	0.2938E-01	-0.1641E+03
8.	0.2151E-01	-0.4073E+02	0.1525E-01	-0.1134E+03	0.1597E-01	-0.1314E+03
9.	0.1175E-01	-0.8832E+02	0.1516E-01	0.1582E+03	0.1292E-01	0.1555E+03
10.	0.1083E-01	-0.1187E+03	0.1843E-01	0.1633E+03	0.1519E-01	0.1540E+03
11.	0.1335E-01	0.1795E+03	0.2157E-01	0.1536E+03	0.1380E-01	0.1382E+03
12.	0.1530E-01	-0.1225E+03	0.2386E-01	0.1774E+03	0.1755E-01	0.1739E+03
13.	0.1246E-01	-0.7729E+02	0.1929E-01	-0.1495E+03	0.1717E-01	-0.1663E+03
14.	0.8447E-02	-0.3269E+02	0.4697E-02	-0.1563E+03	0.6019E-02	-0.1671E+03
15.	0.4206E-02	-0.1757E+03	0.1014E-01	0.1633E+03	0.7967E-02	0.1534E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1255E+02	0.0000E+00	0.1258E+02	0.0000E+00	0.1273E+02	0.0000E+00
1.	0.1418E+00	-0.1151E+03	0.5612E-01	-0.1428E+03	0.3527E-01	0.1529E+03
2.	0.9137E-01	-0.3282E+02	0.5327E-01	-0.3287E+02	0.2364E-01	-0.3133E+02
3.	0.1895E-01	0.1761E+02	0.6500E-02	-0.2127E+02	0.4946E-02	-0.3230E+02
4.	0.8301E-02	-0.3242E+02	0.7170E-02	-0.3046E+02	0.6154E-02	-0.3457E+02
5.	0.2776E-02	0.3053E+02	0.1146E-02	-0.2666E+02	0.1322E-02	-0.1045E+03
6.	0.1307E-01	0.1338E+03	0.6254E-02	0.1273E+03	0.3021E-03	0.1737E+03
7.	0.1849E-01	0.1771E+03	0.1001E-01	-0.1701E+03	0.3076E-02	0.1736E+03
8.	0.9791E-02	-0.1543E+03	0.2589E-02	-0.1461E+03	0.1356E-02	-0.1483E+03
9.	0.4513E-02	0.1684E+03	0.1887E-02	0.1184E+03	0.1276E-02	0.8140E+02
10.	0.6474E-02	0.1265E+03	0.5032E-02	0.1196E+03	0.3520E-02	0.1019E+03
11.	0.8140E-02	0.1239E+03	0.4371E-02	0.1340E+03	0.2415E-02	0.9916E+02
12.	0.7755E-02	0.1519E+03	0.1166E-02	0.5357E+02	0.1116E-02	0.1771E+02
13.	0.9416E-02	0.1765E+03	0.5086E-02	0.1623E+03	0.3421E-02	0.1339E+03
14.	0.3937E-02	-0.1463E+03	0.2388E-02	-0.1356E+03	0.6284E-03	-0.1073E+03
15.	0.2604E-02	0.1230E+03	0.2113E-02	0.1242E+03	0.1958E-02	0.8469E+02

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.60		FRACTN RADIUS 0.60		FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.08		FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1410E+02	0.0000E+00	0.1285E+02	0.0000E+00	0.1276E+02	0.0000E+00
1.	0.9664E+00	0.8858E+02	0.3226E+00	-0.9785E+02	0.3226E+00	-0.9867E+02
2.	0.8568E-01	-0.5775E+02	0.1311E+00	-0.4868E+02	0.9920E-01	-0.4495E+02
3.	0.4430E-01	-0.7185E+02	0.1269E+00	-0.1069E+02	0.9323E-01	-0.6404E+01
4.	0.3010E-01	0.1424E+03	0.5531E-01	0.1203E+02	0.4262E-01	0.9776E+01
5.	0.1399E-01	-0.2392E+02	0.4817E-01	-0.7339E+02	0.3215E-01	-0.7631E+02
6.	0.3151E-01	-0.5536E+01	0.4459E-01	-0.4789E+02	0.3142E-01	-0.4904E+02
7.	0.8246E-02	0.1328E+03	0.2265E-01	0.3166E+02	0.1842E-01	0.2412E+02
8.	0.1938E-01	-0.1573E+03	0.1555E-01	-0.4726E+02	0.1093E-01	-0.4981E+02
9.	0.7422E-02	0.1767E+01	0.4187E-01	-0.5798E+02	0.3106E-01	-0.5762E+02
10.	0.1857E-01	0.8238E+01	0.3438E-01	-0.3828E+02	0.2725E-01	-0.3955E+02
11.	0.7511E-02	0.2272E+02	0.1259E-01	0.3083E+02	0.1211E-01	0.2265E+02
12.	0.4357E-02	0.1758E+03	0.8917E-03	0.1535E+03	0.8643E-03	0.7942E+02
13.	0.7390E-02	0.1100E+03	0.9712E-02	-0.7900E+02	0.4977E-02	-0.8837E+02
14.	0.9347E-02	0.1042E+02	0.1900E-01	-0.6659E+02	0.1230E-01	-0.6507E+02
15.	0.8049E-02	0.5713E+01	0.8603E-02	-0.5287E+02	0.5579E-02	-0.6278E+02

HARMONIC	FRACTN RADIUS 0.60		FRACTN RADIUS 0.60		FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45		FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1259E+02	0.0000E+00	0.1259E+02	0.0000E+00	0.1267E+02	0.0000E+00
1.	0.3372E+00	-0.9869E+02	0.1533E+00	-0.1084E+03	0.1051E+00	-0.1184E+03
2.	0.8801E-01	-0.3953E+02	0.4049E-01	-0.3556E+02	0.2909E-01	-0.3484E+02
3.	0.7170E-01	-0.7031E+01	0.3669E-01	-0.6263E+01	0.2753E-01	-0.8639E+01
4.	0.3531E-01	0.1431E+02	0.2054E-01	0.1242E+02	0.1623E-01	0.7026E+01
5.	0.2276E-01	-0.7469E+02	0.1239E-01	-0.7984E+02	0.1092E-01	-0.7948E+02
6.	0.2219E-01	-0.5431E+02	0.1150E-01	-0.5859E+02	0.9535E-02	-0.6426E+02
7.	0.1328E-01	0.2407E+02	0.6250E-02	0.3011E+02	0.6031E-02	0.2330E+02
8.	0.8242E-02	-0.3418E+02	0.7846E-02	-0.3950E+02	0.6734E-02	-0.4241E+02
9.	0.2080E-01	-0.5554E+02	0.1139E-01	-0.4709E+02	0.8783E-02	-0.3981E+02
10.	0.2035E-01	-0.4218E+02	0.1148E-01	-0.3561E+02	0.7817E-02	-0.3507E+02
11.	0.1005E-01	0.1312E+02	0.6058E-02	0.6854E+01	0.5407E-02	0.8343E+01
12.	0.2540E-02	0.7520E+02	0.1905E-02	-0.2091E+02	0.1541E-02	-0.2261E+02
13.	0.1941E-02	-0.9461E+02	0.2107E-02	0.1396E+03	0.2245E-02	0.1333E+03
14.	0.7915E-02	-0.6517E+02	0.3319E-02	-0.5078E+02	0.2327E-02	-0.3106E+02
15.	0.4932E-02	-0.6584E+02	0.2138E-02	-0.4024E+02	0.1870E-02	-0.5435E+02

HARMONIC	FRACTN RADIUS 0.60		FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1255E+02	0.0000E+00	0.1273E+02	0.0000E+00
1.	0.6812E-01	-0.1326E+03	0.7343E-01	0.1223E+03
2.	0.1759E-01	-0.4201E+02	0.3370E-02	0.1535E+03
3.	0.1897E-01	-0.1171E+02	0.5409E-02	-0.3445E+02
4.	0.1182E-01	0.1780E+02	0.4291E-02	-0.1454E+02
5.	0.6013E-02	-0.7009E+02	0.2956E-02	-0.1590E+03
6.	0.5595E-02	-0.7803E+02	0.1101E-02	-0.1211E+03
7.	0.2664E-02	0.1839E+02	0.6019E-03	0.1211E+02
8.	0.4035E-02	-0.3806E+02	0.5851E-02	-0.6874E+02
9.	0.4990E-02	-0.3518E+02	0.1887E-02	-0.4483E+02
10.	0.5648E-02	-0.4279E+02	0.3229E-02	-0.2562E+02
11.	0.4166E-02	0.9303E+01	0.3346E-02	0.8254E+01
12.	0.7643E-03	0.3287E+02	0.3976E-02	-0.5112E+02
13.	0.1333E-02	0.1039E+03	0.4009E-02	0.1352E+03
14.	0.5786E-03	-0.1179E+02	0.3029E-03	0.9387E+02
15.	0.1259E-02	-0.5774E+02	0.2218E-02	0.1164E+03

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1443E+02	0.0000E+00	0.1348E+02	0.0000E+00	0.1259E+02	0.0000E+00
1.	0.4788E+00	0.7236E+02	0.3065E+00	-0.6349E+02	0.6395E+00	-0.8366E+02
2.	0.3684E-01	-0.9640E+02	0.7577E-01	-0.1222E+03	0.4578E-01	-0.8046E+02
3.	0.1833E+00	-0.6007E+02	0.1834E+00	-0.4642E+02	0.1557E+00	-0.3742E+02
4.	0.3107E-01	0.2769E+02	0.8572E-01	-0.1018E+02	0.9219E-01	-0.1291E+02
5.	0.2470E-01	0.1752E+03	0.3286E-01	-0.1125E+03	0.3349E-01	-0.1244E+03
6.	0.5413E-01	-0.9663E+02	0.8139E-01	-0.1132E+03	0.7814E-01	-0.1199E+03
7.	0.3354E-01	-0.3730E+02	0.2466E-01	-0.6523E+02	0.2201E-01	-0.6809E+02
8.	0.1137E-01	0.9415E+02	0.1572E-01	0.1684E+02	0.2181E-01	-0.6672E+02
9.	0.2687E-01	0.1395E+03	0.6912E-02	-0.1217E+03	0.1741E-01	-0.9583E+02
10.	0.1749E-01	-0.1138E+03	0.4443E-01	-0.1135E+03	0.4526E-01	-0.1076E+03
11.	0.2700E-01	-0.5889E+02	0.3486E-01	-0.1037E+03	0.3990E-01	-0.9638E+02
12.	0.7603E-02	-0.2259E+02	0.2266E-02	0.1746E+03	0.1802E-01	-0.1263E+03
13.	0.2328E-01	0.9563E+02	0.2261E-01	0.8622E+02	0.3119E-01	0.8939E+02
14.	0.1474E-01	0.1016E+03	0.7023E-02	0.1751E+03	0.6759E-02	-0.1271E+03
15.	0.1135E-02	-0.1571E+03	0.2299E-01	-0.1504E+03	0.1992E-01	-0.1664E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1226E+02	0.0000E+00	0.1272E+02	0.0000E+00	0.1278E+02	0.0000E+00
1.	0.7070E+00	-0.8874E+02	0.3521E+00	-0.9264E+02	0.2863E+00	-0.9477E+02
2.	0.7153E-01	-0.6914E+02	0.3411E-01	-0.6431E+02	0.2451E-01	-0.6915E+02
3.	0.1277E+00	-0.3653E+02	0.5309E-01	-0.2362E+02	0.4474E-01	-0.2296E+02
4.	0.8786E-01	-0.8701E+01	0.3925E-01	0.3061E+01	0.3335E-01	0.2176E+01
5.	0.1888E-01	-0.8457E+02	0.1319E-01	-0.5866E+02	0.1277E-01	-0.6588E+02
6.	0.5646E-01	-0.1216E+03	0.2434E-01	-0.1039E+03	0.2227E-01	-0.1048E+03
7.	0.1566E-01	-0.7556E+02	0.5631E-02	-0.9027E+02	0.4905E-02	-0.9572E+02
8.	0.1568E-01	-0.3970E+02	0.6771E-02	-0.5160E+01	0.4563E-02	-0.2720E+02
9.	0.1619E-01	-0.5573E+02	0.9221E-02	-0.2041E+02	0.8348E-02	-0.2081E+02
10.	0.3170E-01	-0.1121E+03	0.1364E-01	-0.6716E+02	0.1234E-01	-0.6883E+02
11.	0.2417E-01	-0.1192E+03	0.1122E-01	-0.9003E+02	0.9719E-02	-0.8788E+02
12.	0.7574E-02	-0.1353E+03	0.3958E-02	0.1149E+03	0.4075E-02	-0.1083E+03
13.	0.1131E-01	0.7538E+02	0.5160E-02	0.1025E+03	0.5571E-02	0.1080E+03
14.	0.5358E-02	-0.1359E+03	0.8980E-03	-0.2321E+02	0.9999E-03	0.3108E+02
15.	0.2089E-01	-0.1489E+03	0.7359E-02	-0.9750E+02	0.5991E-02	-0.9778E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1286E+02	0.0000E+00	0.1302E+02	0.0000E+00	0.1489E+02	0.0000E+00
1.	0.1835E+00	-0.1020E+03	0.9885E-01	-0.1147E+03	0.1649E-02	0.9598E+02
2.	0.1525E-01	-0.8053E+02	0.7270E-02	-0.1115E+03	0.3896E-03	0.1104E+03
3.	0.3239E-01	-0.2427E+02	0.2054E-01	-0.2617E+02	0.1396E-03	0.1597E+03
4.	0.2461E-01	-0.2574E+01	0.1601E-01	-0.4013E+01	0.2165E-03	-0.1309E+03
5.	0.1104E-01	-0.7873E+02	0.9063E-02	-0.8852E+02	0.2721E-03	0.1771E+03
6.	0.1716E-01	-0.1103E+03	0.1435E-01	-0.1154E+03	0.1930E-03	0.1547E+03
7.	0.2389E-02	-0.1229E+03	0.1714E-02	-0.1223E+03	0.7292E-03	0.5366E+02
8.	0.3619E-02	-0.5070E+02	0.4904E-02	-0.9855E+02	0.3709E-03	-0.1262E+03
9.	0.5430E-02	-0.3787E+02	0.3579E-02	-0.4337E+02	0.6621E-03	0.2737E+02
10.	0.9871E-02	-0.6436E+02	0.6269E-02	-0.7136E+02	0.7353E-03	0.5230E+01
11.	0.7048E-02	-0.8163E+02	0.4320E-02	-0.1029E+03	0.3039E-03	0.9481E+02
12.	0.5064E-02	-0.1137E+03	0.4870E-02	-0.9482E+02	0.4710E-03	-0.1025E+03
13.	0.5943E-02	0.1186E+03	0.4639E-02	0.1204E+03	0.8033E-03	0.1490E+03
14.	0.9341E-03	0.1278E+02	0.1252E-02	0.5775E+02	0.2220E-03	0.4377E+02
15.	0.4029E-02	-0.1104E+03	0.2591E-02	-0.1400E+03	0.3063E-03	0.1695E+03

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1483E+02	0.0000E+00	0.1328E+02	0.0000E+00	0.1212E+02	0.0000E+00
1.	0.5372E+00	0.4321E+02	0.6874E+00	-0.6215E+02	0.1166E+01	-0.7889E+02
2.	0.1377E+00	0.1546E+03	0.1500E+00	-0.1752E+03	0.5889E-01	-0.1503E+03
3.	0.2840E+00	-0.6926E+02	0.2316E+00	-0.6448E+02	0.1823E+00	-0.6129E+02
4.	0.1072E+00	-0.5978E+02	0.1503E+00	-0.3873E+02	0.1551E+00	-0.3129E+02
5.	0.1016E-01	-0.6935E+02	0.5248E-01	-0.4672E+02	0.5633E-01	-0.3077E+02
6.	0.5142E-01	-0.1570E+03	0.7832E-01	-0.1389E+03	0.7156E-01	-0.1396E+03
7.	0.3317E-01	-0.1103E+03	0.5870E-01	-0.1466E+03	0.6204E-01	-0.1546E+03
8.	0.4289E-01	-0.6676E+02	0.2644E-01	-0.7884E+02	0.2923E-01	-0.1031E+03
9.	0.5916E-02	0.5805E+01	0.2796E-01	-0.2659E+01	0.3717E-01	-0.9702E+01
10.	0.3713E-01	0.1545E+03	0.1426E-01	-0.1412E+03	0.1286E-01	-0.7311E+02
11.	0.3011E-01	-0.1764E+03	0.4635E-01	-0.1468E+03	0.3994E-01	-0.1419E+03
12.	0.1484E-01	-0.8448E+02	0.3467E-01	-0.1528E+03	0.4500E-01	-0.1500E+03
13.	0.1555E-01	-0.3877E+01	0.2041E-01	0.8771E+02	0.2413E-01	0.1001E+03
14.	0.8926E-02	0.8033E+02	0.2308E-01	0.5854E+02	0.2291E-01	0.5578E+02
15.	0.2211E-01	0.1299E+03	0.7465E-02	0.1059E+03	0.3347E-02	0.1591E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1168E+02	0.0000E+00	0.1212E+02	0.0000E+00	0.1238E+02	0.0000E+00
1.	0.1124E+01	-0.8377E+02	0.6545E+00	-0.8939E+02	0.4016E+00	-0.9230E+02
2.	0.2980E-01	-0.9467E+02	0.3599E-01	-0.7363E+02	0.2556E-01	-0.1213E+03
3.	0.1374E+00	-0.5640E+02	0.6170E-01	-0.4283E+02	0.4187E-01	-0.4510E+02
4.	0.1298E+00	-0.2961E+02	0.5851E-01	-0.2168E+02	0.3912E-01	-0.2558E+02
5.	0.4576E-01	-0.2732E+02	0.2810E-01	-0.4002E+02	0.2380E-01	-0.5461E+02
6.	0.5533E-01	-0.1419E+03	0.2793E-01	-0.1236E+03	0.2381E-01	-0.1204E+03
7.	0.5126E-01	-0.1589E+03	0.2161E-01	-0.1615E+03	0.1614E-01	-0.1627E+03
8.	0.3198E-01	-0.1130E+03	0.1166E-01	-0.1190E+03	0.5796E-02	-0.1394E+03
9.	0.3142E-01	-0.1931E+02	0.1239E-01	-0.2069E+02	0.8611E-02	-0.1485E+02
10.	0.1561E-01	-0.5769E+02	0.1198E-01	-0.4303E+02	0.9853E-02	-0.5537E+02
11.	0.3112E-01	-0.1300E+03	0.1483E-01	-0.1248E+03	0.1234E-01	-0.1260E+03
12.	0.3938E-01	-0.1490E+03	0.1758E-01	-0.1400E+03	0.1313E-01	-0.1480E+03
13.	0.2564E-01	0.1049E+03	0.1362E-01	0.1268E+03	0.9349E-02	0.1211E+03
14.	0.1778E-01	0.5923E+02	0.7754E-02	0.6696E+02	0.6569E-02	0.6482E+02
15.	0.5502E-02	-0.7469E+01	0.3793E-02	0.9369E+01	0.3265E-02	0.5153E+01

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1226E+02	0.0000E+00	0.1253E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.3291E+00	-0.9504E+02	0.2666E+00	-0.9624E+02	0.1521E+00	-0.1072E+03
2.	0.2298E-01	-0.1270E+03	0.2003E-01	-0.1421E+03	0.1148E-01	-0.1790E+03
3.	0.3620E-01	-0.4485E+02	0.2896E-01	-0.4283E+02	0.1546E-01	-0.3988E+02
4.	0.3326E-01	-0.2682E+02	0.2685E-01	-0.2670E+02	0.1487E-01	-0.3967E+02
5.	0.2311E-01	-0.5894E+02	0.2074E-01	-0.6490E+02	0.1590E-01	-0.9025E+02
6.	0.2335E-01	-0.1207E+03	0.2031E-01	-0.1217E+03	0.1657E-01	-0.1338E+03
7.	0.1366E-01	-0.1649E+03	0.1177E-01	-0.1673E+03	0.8448E-02	-0.1734E+03
8.	0.5676E-02	-0.1581E+03	0.5125E-02	-0.1474E+03	0.3755E-02	-0.1369E+03
9.	0.5927E-02	-0.1062E+02	0.5498E-02	-0.2100E+02	0.4442E-02	-0.3445E+02
10.	0.8199E-02	-0.6144E+02	0.7736E-02	-0.6374E+02	0.6419E-02	-0.7679E+02
11.	0.1224E-01	-0.1341E+03	0.1097E-01	-0.1274E+03	0.6787E-02	-0.1378E+03
12.	0.1271E-01	-0.1447E+03	0.1109E-01	-0.1498E+03	0.9622E-02	-0.1644E+03
13.	0.7919E-02	0.1233E+03	0.7892E-02	0.1217E+03	0.7276E-02	0.9901E+02
14.	0.5426E-02	0.8289E+02	0.5102E-02	0.6477E+02	0.4276E-02	0.3939E+02
15.	0.3223E-02	-0.1280E+02	0.2989E-02	-0.8644E+01	0.1906E-02	-0.1722E+02

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1263E+02	0.0000E+00
1.	0.2046E-01	0.1501E+03
2.	0.1571E-01	0.1717E+03
3.	0.5153E-02	-0.3287E+02
4.	0.3445E-02	-0.1354E+02
5.	0.8103E-02	-0.9689E+02
6.	0.9020E-02	-0.1262E+03
7.	0.4298E-02	-0.1539E+03
8.	0.1730E-02	0.1184E+03
9.	0.6105E-03	0.1747E+03
10.	0.3314E-02	-0.9685E+02
11.	0.3555E-02	-0.1321E+03
12.	0.3478E-02	-0.1729E+03
13.	0.2179E-02	0.1014E+03
14.	0.7538E-03	-0.1877E+02
15.	0.1038E-02	-0.1131E+03



Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1448E+02	0.0000E+00	0.1291E+02	0.0000E+00	0.1154E+02	0.0000E+00
1.	0.4584E+00	0.1808E+02	0.1019E+01	-0.6232E+02	0.1501E+01	-0.7664E+02
2.	0.1910E+00	0.1683E+03	0.1913E+00	-0.1691E+03	0.6481E-01	-0.1276E+03
3.	0.2844E+00	-0.5947E+02	0.2632E+00	-0.5840E+02	0.1917E+00	-0.5858E+02
4.	0.1660E+00	-0.4846E+02	0.2071E+00	-0.3406E+02	0.1958E+00	-0.2480E+02
5.	0.4655E-01	-0.4392E+02	0.9577E-01	-0.2758E+02	0.9496E-01	-0.7388E+01
6.	0.6175E-01	-0.1427E+03	0.8365E-01	-0.1159E+03	0.8436E-01	-0.1188E+03
7.	0.4186E-01	-0.1386E+03	0.8241E-01	-0.1376E+03	0.8781E-01	-0.1399E+03
8.	0.3842E-01	-0.6893E+02	0.4029E-01	-0.9959E+02	0.4533E-01	-0.1112E+03
9.	0.1847E-01	-0.1777E+02	0.2860E-01	0.2189E+02	0.3302E-01	0.9718E+01
10.	0.2146E-01	0.1780E+03	0.9942E-02	0.1716E+02	0.2738E-01	0.1868E+02
11.	0.4405E-01	-0.1573E+03	0.4224E-01	-0.1272E+03	0.3142E-01	-0.1079E+03
12.	0.2342E-01	-0.1264E+03	0.5019E-01	-0.1236E+03	0.5212E-01	-0.1164E+03
13.	0.1052E-01	0.8323E+02	0.2596E-01	0.1648E+03	0.3281E-01	-0.1737E+03
14.	0.1900E-01	0.6506E+02	0.3451E-01	0.8989E+02	0.2705E-01	0.1091E+03
15.	0.1235E-01	0.1478E+03	0.2153E-01	0.8518E+02	0.2343E-01	0.7348E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1161E+02	0.0000E+00	0.1188E+02	0.0000E+00	0.1202E+02	0.0000E+00
1.	0.1208E+01	-0.7992E+02	0.1168E+01	-0.8591E+02	0.6667E+00	-0.9103E+02
2.	0.4878E-01	-0.8486E+02	0.8729E-01	-0.5257E+02	0.3299E-01	-0.8496E+02
3.	0.1209E+00	-0.5319E+02	0.9311E-01	-0.5213E+02	0.4737E-01	-0.4580E+02
4.	0.1347E+00	-0.2435E+02	0.1075E+00	-0.3225E+02	0.5032E-01	-0.3486E+02
5.	0.7367E-01	-0.1115E+02	0.8252E-01	-0.2593E+02	0.4021E-01	-0.4702E+02
6.	0.4008E-01	-0.1159E+03	0.2999E-01	-0.1278E+03	0.2255E-01	-0.1112E+03
7.	0.6154E-01	-0.1454E+03	0.5029E-01	-0.1653E+03	0.2690E-01	-0.1665E+03
8.	0.3740E-01	-0.1183E+03	0.3034E-01	-0.1342E+03	0.7798E-02	-0.1405E+03
9.	0.2342E-01	0.7673E+01	0.2130E-01	-0.1939E+02	0.1379E-01	-0.2013E+02
10.	0.2821E-01	0.8027E+01	0.2303E-01	-0.2322E+02	0.1664E-01	-0.4135E+02
11.	0.1872E-01	-0.8711E+02	0.1407E-01	-0.1068E+03	0.1116E-01	-0.1006E+03
12.	0.3718E-01	-0.1178E+03	0.3054E-01	-0.1474E+03	0.1703E-01	-0.1652E+03
13.	0.2883E-01	-0.1797E+03	0.2373E-01	0.1437E+03	0.1355E-01	0.1352E+03
14.	0.2167E-01	0.1150E+03	0.1574E-01	0.7859E+02	0.9931E-02	0.6885E+02
15.	0.1705E-01	0.7112E+02	0.1228E-01	0.2623E+02	0.7820E-02	0.6048E+01

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1269E+02	0.0000E+00	0.1242E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.5338E+00	-0.9227E+02	0.3811E+00	-0.9394E+02	0.3111E+00	-0.9645E+02
2.	0.2931E-01	-0.1138E+03	0.2330E-01	-0.1450E+03	0.2456E-01	-0.1521E+03
3.	0.4108E-01	-0.4830E+02	0.2998E-01	-0.4582E+02	0.2717E-01	-0.4677E+02
4.	0.4236E-01	-0.3625E+02	0.3177E-01	-0.4117E+02	0.2580E-01	-0.3965E+02
5.	0.3510E-01	-0.5271E+02	0.3007E-01	-0.6368E+02	0.2700E-01	-0.6566E+02
6.	0.2357E-01	-0.1107E+03	0.2187E-01	-0.1114E+03	0.2135E-01	-0.1144E+03
7.	0.2201E-01	-0.1685E+03	0.1924E-01	-0.1667E+03	0.1642E-01	-0.1696E+03
8.	0.6183E-02	-0.1570E+03	0.4742E-02	-0.1306E+03	0.3125E-02	-0.1737E+03
9.	0.1128E-01	-0.1325E+02	0.1053E-01	-0.1292E+02	0.8503E-02	-0.1012E+02
10.	0.1366E-01	-0.4322E+02	0.1206E-01	-0.4652E+02	0.9947E-02	-0.5216E+02
11.	0.1096E-01	-0.1055E+03	0.9243E-02	-0.9605E+02	0.9142E-02	-0.1107E+03
12.	0.1581E-01	-0.1591E+03	0.1418E-01	-0.1636E+03	0.1260E-01	-0.1676E+03
13.	0.1210E-01	0.1342E+03	0.1176E-01	0.1283E+03	0.9572E-02	0.1273E+03
14.	0.9005E-02	0.6628E+02	0.8256E-02	0.6300E+02	0.7280E-02	0.5848E+02
15.	0.6951E-02	0.4498E+01	0.6423E-02	0.1291E+02	0.6035E-02	-0.1241E+01

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1235E+02	0.0000E+00	0.1273E+02	0.0000E+00	0.1260E+02	0.0000E+00
1.	0.2601E+00	-0.9979E+02	0.1947E+00	-0.1012E+03	0.1023E+00	-0.1166E+03
2.	0.2076E-01	-0.1593E+03	0.2274E-01	-0.1745E+03	0.2191E-01	0.1621E+03
3.	0.2556E-01	-0.4784E+02	0.2233E-01	-0.5187E+02	0.1525E-01	-0.4553E+02
4.	0.2268E-01	-0.3654E+02	0.1794E-01	-0.4408E+02	0.1090E-01	-0.4960E+02
5.	0.2266E-01	-0.7417E+02	0.1896E-01	-0.7928E+02	0.1697E-01	-0.9898E+02
6.	0.2063E-01	-0.1244E+03	0.2022E-01	-0.1244E+03	0.1767E-01	-0.1329E+03
7.	0.1304E-01	-0.1709E+03	0.1049E-01	-0.1788E+03	0.8770E-02	0.1747E+03
8.	0.6326E-02	0.1720E+03	0.4675E-02	0.1758E+03	0.3367E-02	-0.1758E+03
9.	0.5294E-02	-0.1731E+00	0.4914E-02	-0.7597E+01	0.4752E-02	-0.1834E+02
10.	0.8131E-02	-0.4675E+02	0.6139E-02	-0.6307E+02	0.5782E-02	-0.7033E+02
11.	0.9855E-02	-0.1322E+03	0.8763E-02	-0.1352E+03	0.7247E-02	-0.1334E+03
12.	0.1244E-01	-0.1602E+03	0.1185E-01	-0.1565E+03	0.1063E-01	-0.1683E+03
13.	0.9158E-02	0.1235E+03	0.7950E-02	0.1146E+03	0.8524E-02	0.1092E+03
14.	0.6512E-02	0.6419E+02	0.5347E-02	0.4557E+02	0.5201E-02	0.4623E+02
15.	0.5497E-02	0.1126E+02	0.5343E-02	-0.7681E+01	0.5168E-02	-0.8957E+01

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1409E+02	0.0000E+00	0.1182E+02	0.0000E+00	0.1154E+02	0.0000E+00
1.	0.5835E+00	-0.1282E+02	0.1428E+01	-0.6797E+02	0.1089E+01	-0.8862E+02
2.	0.3194E+00	0.1770E+03	0.2808E+00	-0.1691E+03	0.6161E-01	-0.6738E+02
3.	0.3029E+00	-0.6447E+02	0.2850E+00	-0.6935E+02	0.6369E-01	-0.4622E+02
4.	0.2241E+00	-0.5395E+02	0.2480E+00	-0.3467E+02	0.7369E-01	-0.2592E+02
5.	0.1033E+00	-0.3996E+02	0.1315E+00	-0.1948E+02	0.5198E-01	-0.1822E+02
6.	0.6921E-01	-0.1436E+03	0.6304E-01	-0.1265E+03	0.1707E-01	-0.9037E+02
7.	0.6906E-01	-0.1655E+03	0.9744E-01	-0.1591E+03	0.3185E-01	-0.1677E+03
8.	0.1749E-01	-0.1219E+03	0.4015E-01	-0.1542E+03	0.2403E-01	-0.1508E+03
9.	0.3621E-01	0.1197E+02	0.4802E-01	0.2542E+02	0.8529E-02	0.1459E+02
10.	0.1608E-01	0.4045E+02	0.4586E-01	0.3143E+02	0.2268E-01	0.1289E+01
11.	0.3491E-01	-0.1740E+03	0.1740E-01	-0.1255E+03	0.1144E-01	-0.2555E+02
12.	0.3654E-01	-0.1665E+03	0.4861E-01	-0.1364E+03	0.1826E-01	-0.1046E+03
13.	0.1261E-01	0.1184E+03	0.2876E-01	0.1788E+03	0.2010E-01	0.1725E+03
14.	0.3959E-01	0.4385E+02	0.3597E-01	0.7631E+02	0.1406E-01	0.1226E+03
15.	0.2842E-01	0.4586E+02	0.4349E-01	0.5706E+02	0.1436E-01	0.6767E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1209E+02	0.0000E+00	0.1226E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.4758E+00	-0.9179E+02	0.3128E+00	-0.9603E+02	0.9173E-01	-0.1029E+03
2.	0.1203E-01	0.1703E+03	0.2325E-01	0.1660E+03	0.2583E-01	0.1136E+03
3.	0.2610E-01	-0.3546E+02	0.2126E-01	-0.2912E+02	0.1481E-01	0.8084E+01
4.	0.2552E-01	-0.3327E+02	0.1575E-01	-0.2139E+02	0.2345E-02	-0.8341E+02
5.	0.2200E-01	-0.5825E+02	0.1711E-01	-0.6701E+02	0.1563E-01	-0.1113E+03
6.	0.1757E-01	-0.1037E+03	0.1656E-01	-0.1024E+03	0.1355E-01	-0.1296E+03
7.	0.1367E-01	-0.1718E+03	0.9667E-02	-0.1668E+03	0.5974E-02	0.1745E+03
8.	0.1069E-01	-0.1441E+03	0.3576E-02	0.1749E+03	0.8430E-03	-0.8274E+02
9.	0.4650E-02	0.3245E+02	0.5393E-02	0.3386E+02	0.4735E-02	0.9218E+01
10.	0.1150E-01	0.3025E+01	0.7742E-02	-0.4895E+01	0.5417E-02	-0.3684E+02
11.	0.8290E-02	-0.5783E+02	0.6096E-02	-0.8037E+02	0.3974E-02	-0.1221E+03
12.	0.1646E-01	-0.9825E+02	0.1099E-01	-0.1214E+03	0.9688E-02	-0.1470E+03
13.	0.1509E-01	0.1606E+03	0.8976E-02	0.1661E+03	0.8017E-02	0.1328E+03
14.	0.9598E-02	0.9495E+02	0.6363E-02	0.1084E+03	0.4239E-02	0.5500E+02
15.	0.1226E-01	0.7381E+02	0.6345E-02	0.5891E+02	0.5635E-02	0.1493E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1290E+02	0.0000E+00
1.	0.1381E+00	0.8968E+02
2.	0.2486E-01	0.1440E+03
3.	0.1133E-01	0.2137E+01
4.	0.1654E-02	0.2907E+02
5.	0.1270E-01	-0.1339E+03
6.	0.1098E-01	-0.1255E+03
7.	0.1859E-02	-0.1481E+03
8.	0.2877E-02	0.5897E+02
9.	0.1887E-02	0.2997E+02
10.	0.3333E-02	-0.7872E+02
11.	0.3334E-02	-0.1115E+03
12.	0.5749E-02	-0.1625E+03
13.	0.4674E-02	0.1192E+03
14.	0.3582E-02	0.9325E+02
15.	0.2246E-02	0.2013E+02

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1430E+02	0.0000E+00	0.1235E+02	0.0000E+00	0.1106E+02	0.0000E+00
1.	0.4854E+00	0.1941E+00	0.1263E+01	-0.7328E+02	0.1674E+01	-0.8659E+02
2.	0.3275E+00	0.1721E+03	0.2834E+00	-0.1775E+03	0.9554E-01	-0.1079E+03
3.	0.2387E+00	-0.7611E+02	0.2319E+00	-0.8446E+02	0.1491E+00	-0.7889E+02
4.	0.1942E+00	-0.6768E+02	0.2110E+00	-0.5851E+02	0.1867E+00	-0.4849E+02
5.	0.9133E-01	-0.5924E+02	0.1241E+00	-0.4353E+02	0.1208E+00	-0.2165E+02
6.	0.6675E-01	-0.1657E+03	0.5208E-01	-0.1577E+03	0.2451E-01	0.1518E+03
7.	0.7123E-01	0.1636E+03	0.8810E-01	0.1605E+03	0.9159E-01	0.1586E+03
8.	0.1712E-01	0.1519E+03	0.3968E-01	0.1548E+03	0.5414E-01	0.1789E+03
9.	0.3748E-01	0.3241E+01	0.4262E-01	-0.3112E+01	0.3175E-01	-0.3136E+02
10.	0.2328E-01	0.1472E+02	0.4903E-01	-0.1439E+02	0.5486E-01	-0.2349E+02
11.	0.2756E-01	0.1419E+03	0.7176E-02	-0.1246E+03	0.1745E-01	-0.3934E+02
12.	0.3438E-01	0.1610E+03	0.4229E-01	0.1629E+03	0.3243E-01	0.1678E+03
13.	0.1740E-01	0.8722E+02	0.3178E-01	0.1215E+03	0.3898E-01	0.1242E+03
14.	0.3965E-01	0.1942E+01	0.3031E-01	0.8691E+01	0.1942E-01	0.4518E+02
15.	0.3606E-01	-0.6421E+01	0.4281E-01	-0.1530E+02	0.2895E-01	-0.6631E+01

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1112E+02	0.0000E+00	0.1106E+02	0.0000E+00	0.1201E+02	0.0000E+00
1.	0.1264E+01	-0.9066E+02	0.1337E+01	-0.9000E+02	0.9901E+00	-0.9147E+02
2.	0.7505E-01	-0.9939E+02	0.9093E-01	-0.5550E+02	0.5181E-01	-0.5328E+02
3.	0.9228E-01	-0.7111E+02	0.6701E-01	-0.4855E+02	0.4468E-01	-0.4535E+02
4.	0.1109E+00	-0.4716E+02	0.8755E-01	-0.3184E+02	0.5607E-01	-0.3175E+02
5.	0.7351E-01	-0.3185E+02	0.6746E-01	-0.1795E+02	0.3985E-01	-0.2657E+02
6.	0.1405E-01	-0.1432E+03	0.1002E-01	-0.1010E+03	0.1297E-01	-0.8502E+02
7.	0.4936E-01	0.1564E+03	0.4193E-01	0.1777E+03	0.2588E-01	0.1764E+03
8.	0.3341E-01	0.1682E+03	0.3052E-01	-0.1653E+03	0.1965E-01	-0.1587E+03
9.	0.1445E-01	-0.1964E+02	0.1192E-01	-0.3759E+01	0.6568E-02	0.2956E+01
10.	0.3207E-01	-0.3450E+02	0.3209E-01	-0.9532E+01	0.2092E-01	-0.9079E+01
11.	0.1597E-01	-0.6793E+02	0.1978E-01	-0.2871E+02	0.1508E-01	-0.2848E+02
12.	0.2202E-01	-0.1760E+03	0.1937E-01	-0.1328E+03	0.1797E-01	-0.1135E+03
13.	0.2776E-01	0.1168E+03	0.2386E-01	0.1598E+03	0.2081E-01	0.1525E+03
14.	0.1561E-01	0.5309E+02	0.1628E-01	0.1134E+03	0.1143E-01	0.1084E+03
15.	0.1846E-01	-0.3582E+01	0.1201E-01	0.5330E+02	0.1149E-01	0.6093E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1198E+02	0.0000E+00	0.1210E+02	0.0000E+00	0.1234E+02	0.0000E+00
1.	0.5986E+00	-0.9152E+02	0.4210E+00	-0.9332E+02	0.3388E+00	-0.9341E+02
2.	0.3454E-02	-0.8791E+02	0.1433E-01	0.1327E+03	0.2754E-01	0.1224E+03
3.	0.2803E-01	-0.4060E+02	0.2243E-01	-0.4145E+02	0.1933E-01	-0.3585E+02
4.	0.2840E-01	-0.2849E+02	0.1698E-01	-0.3564E+02	0.1132E-01	-0.4234E+02
5.	0.2427E-01	-0.4110E+02	0.1800E-01	-0.6156E+02	0.1511E-01	-0.7805E+02
6.	0.1471E-01	-0.9997E+02	0.1373E-01	-0.1143E+03	0.1466E-01	-0.1221E+03
7.	0.1410E-01	-0.1792E+03	0.1150E-01	0.1704E+03	0.9103E-02	0.1642E+03
8.	0.7249E-02	-0.1793E+03	0.4606E-02	0.1641E+03	0.2596E-02	0.1639E+03
9.	0.6518E-02	0.1761E+02	0.7157E-02	0.9948E+01	0.6271E-02	0.1047E+01
10.	0.1161E-01	-0.1922E+02	0.8661E-02	-0.3330E+02	0.8184E-02	-0.2963E+02
11.	0.7658E-02	-0.6810E+02	0.6585E-02	-0.9024E+02	0.5487E-02	-0.1049E+03
12.	0.1213E-01	-0.1283E+03	0.1062E-01	-0.1448E+03	0.1066E-01	-0.1387E+03
13.	0.1045E-01	0.1551E+03	0.8649E-02	0.1374E+03	0.9868E-02	0.1284E+03
14.	0.7256E-02	0.9021E+02	0.6523E-02	0.5475E+02	0.6275E-02	0.5385E+02
15.	0.6376E-02	0.3615E+02	0.6207E-02	0.1262E+02	0.6130E-02	0.1379E+02

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1215E+02	0.0000E+00	0.1267E+02	0.0000E+00	0.1256E+02	0.0000E+00
1.	0.2483E+00	-0.9290E+02	0.7788E-13	-0.1476E+03	0.7155E-01	-0.1003E+03
2.	0.2949E-01	0.1155E+03	0.5013E-14	-0.1333E+03	0.3203E-01	0.9467E+02
3.	0.1757E-01	-0.2852E+02	0.2465E-13	-0.1611E+03	0.1717E-01	0.3711E+01
4.	0.7339E-02	-0.4474E+02	0.1478E-14	-0.1306E+03	0.3075E-02	0.1204E+03
5.	0.1421E-01	-0.8335E+02	0.8142E-14	-0.1147E+02	0.1102E-01	-0.1246E+03
6.	0.1374E-01	-0.1226E+03	0.1436E-14	-0.1426E+03	0.1125E-01	-0.1328E+03
7.	0.8551E-02	0.1671E+03	0.3924E-14	0.1744E+03	0.4450E-02	0.1541E+03
8.	0.2896E-02	0.9591E+02	0.6861E-14	-0.1763E+03	0.2271E-02	0.6351E+02
9.	0.6111E-02	0.7175E+00	0.3726E-15	-0.1064E+03	0.3884E-02	0.6171E+01
10.	0.7635E-02	-0.4215E+02	0.4098E-14	-0.1788E+03	0.4388E-02	-0.4809E+02
11.	0.5718E-02	-0.1165E+03	0.5924E-15	-0.1303E+03	0.4641E-02	-0.1272E+03
12.	0.8914E-02	-0.1514E+03	0.1231E-14	-0.1683E+03	0.6795E-02	-0.1453E+03
13.	0.6932E-02	0.1276E+03	0.1825E-14	0.1709E+03	0.5270E-02	0.1401E+03
14.	0.4731E-02	0.4588E+02	0.3130E-14	0.1734E+03	0.2701E-02	0.5866E+02
15.	0.5725E-02	-0.2604E+01	0.2691E-14	0.1780E+03	0.4178E-02	0.7844E+01

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1250E+02	0.0000E+00
1.	0.1278E+00	0.8203E+02
2.	0.3123E-01	0.8837E+02
3.	0.1012E-01	0.2418E+02
4.	0.7181E-02	0.1512E+03
5.	0.1357E-01	-0.1457E+03
6.	0.1042E-01	-0.1490E+03
7.	0.2383E-02	0.1278E+03
8.	0.2738E-02	0.3554E+02
9.	0.2446E-02	0.1517E+01
10.	0.3570E-02	-0.8275E+02
11.	0.3932E-02	-0.1356E+03
12.	0.5908E-02	-0.1610E+03
13.	0.4034E-02	0.1244E+03
14.	0.2665E-02	0.7545E+02
15.	0.3155E-02	-0.7325E+01

Table IV-11b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1399E+02	0.0000E+00	0.1185E+02	0.0000E+00	0.1108E+02	0.0000E+00
1.	0.2734E+00	-0.6509E+01	0.1212E+01	-0.8294E+02	0.9728E+00	-0.9829E+02
2.	0.3601E+00	-0.1771E+03	0.2757E+00	-0.1596E+03	0.6405E-01	-0.1012E+03
3.	0.1960E+00	-0.7776E+02	0.1978E+00	-0.7854E+02	0.5701E-01	-0.5124E+02
4.	0.1904E+00	-0.6052E+02	0.1946E+00	-0.4677E+02	0.6589E-01	-0.3437E+02
5.	0.1012E+00	-0.5150E+02	0.1190E+00	-0.2880E+02	0.4233E-01	-0.2192E+02
6.	0.6368E-01	-0.1485E+03	0.4304E-01	-0.1333E+03	0.1048E-01	-0.1016E+03
7.	0.8084E-01	0.1747E+03	0.8143E-01	-0.1772E+03	0.2811E-01	0.1773E+03
8.	0.3545E-01	0.1561E+03	0.4498E-01	0.1736E+03	0.2346E-01	-0.1567E+03
9.	0.4121E-01	0.3424E+02	0.3594E-01	0.3700E+02	0.7141E-02	0.1930E+02
10.	0.6368E-01	0.2397E+02	0.5122E-01	0.1881E+02	0.1895E-01	0.3624E+01
11.	0.1350E-01	0.1626E+03	0.5987E-02	0.7548E+00	0.7909E-02	-0.4154E+02
12.	0.3754E-01	-0.1594E+03	0.3821E-01	-0.1435E+03	0.1564E-01	-0.1090E+03
13.	0.2642E-01	0.1489E+03	0.3590E-01	0.1690E+03	0.2150E-01	0.1637E+03
14.	0.3444E-01	0.3756E+02	0.2547E-01	0.7320E+02	0.1186E-01	0.1206E+03
15.	0.4451E-01	0.2339E+02	0.4163E-01	0.3822E+02	0.1342E-01	0.5862E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1089E+02	0.0000E+00	0.1073E+02	0.0000E+00	0.1196E+02	0.0000E+00
1.	0.9678E+00	-0.9733E+02	0.7402E+00	-0.9582E+02	0.4272E+00	-0.9249E+02
2.	0.6280E-01	-0.3482E+02	0.2848E-01	-0.2084E+02	0.5280E-01	0.6784E+02
3.	0.3648E-01	-0.2007E+02	0.2948E-01	-0.2594E+02	0.2507E-01	-0.2332E+02
4.	0.4129E-01	-0.2973E+02	0.2425E-01	-0.2390E+02	0.3507E-02	-0.8722E+01
5.	0.3243E-01	-0.1721E+02	0.2072E-01	-0.1835E+02	0.3830E-02	-0.6082E+02
6.	0.4451E-02	-0.7807E+02	0.7251E-02	-0.6977E+02	0.2744E-02	-0.1632E+03
7.	0.2042E-01	0.1727E+03	0.1094E-01	0.1646E+03	0.6153E-02	0.1011E+03
8.	0.1855E-01	-0.1528E+03	0.7871E-02	-0.1684E+03	0.2885E-02	-0.4367E+02
9.	0.5360E-02	-0.2283E+02	0.4797E-02	-0.1609E+02	0.6386E-02	-0.4422E+02
10.	0.1808E-01	-0.1082E+02	0.1098E-01	-0.2290E+02	0.7924E-02	-0.6525E+02
11.	0.9548E-02	-0.2907E+02	0.7358E-02	-0.6222E+02	0.3793E-02	-0.7543E+02
12.	0.1224E-01	-0.1072E+03	0.8684E-02	-0.1074E+03	0.6579E-02	-0.1636E+03
13.	0.1755E-01	0.1558E+03	0.9855E-02	0.1578E+03	0.6708E-02	0.1033E+03
14.	0.9970E-02	0.1335E+03	0.5289E-02	0.1172E+03	0.2683E-02	0.5027E+02
15.	0.8006E-02	0.6953E+02	0.3756E-02	0.6140E+02	0.2720E-02	-0.4548E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1213E+02	0.0000E+00	0.1208E+02	0.0000E+00	0.1206E+02	0.0000E+00
1.	0.2879E+00	-0.8757E+02	0.2382E+00	-0.8139E+02	0.1707E+00	-0.7882E+02
2.	0.6362E-01	0.7582E+02	0.7544E-01	0.7515E+02	0.7683E-01	0.7040E+02
3.	0.2543E-01	-0.2380E+02	0.2983E-01	-0.2223E+02	0.3228E-01	-0.2443E+02
4.	0.1900E-02	0.1553E+03	0.6349E-02	0.1594E+03	0.9261E-02	0.1581E+03
5.	0.3095E-02	-0.1401E+03	0.6401E-02	-0.1796E+03	0.9487E-02	0.1780E+03
6.	0.4552E-02	-0.1590E+03	0.6013E-02	-0.1720E+03	0.6361E-02	0.1768E+03
7.	0.6399E-02	0.8286E+02	0.7793E-02	0.7378E+02	0.7253E-02	0.6544E+02
8.	0.2812E-02	-0.3606E+02	0.3855E-02	-0.1778E+02	0.4598E-02	-0.3085E+02
9.	0.6129E-02	-0.4023E+02	0.7151E-02	-0.3973E+02	0.6269E-02	-0.5212E+02
10.	0.5624E-02	-0.6985E+02	0.5429E-02	-0.7465E+02	0.5220E-02	-0.8919E+02
11.	0.3612E-02	-0.1220E+03	0.3673E-02	-0.1323E+03	0.1680E-02	0.1788E+03
12.	0.4678E-02	-0.1482E+03	0.4986E-02	-0.1583E+03	0.5869E-02	-0.1531E+03
13.	0.5294E-02	0.9974E+02	0.5121E-02	0.8711E+02	0.5387E-02	0.6440E+02
14.	0.3827E-02	-0.4851E+01	0.3397E-02	-0.1361E+02	0.2798E-02	-0.4042E+02
15.	0.3709E-02	-0.3800E+02	0.4140E-02	-0.4857E+02	0.4673E-02	-0.6792E+02

Table IV-11b. Concluded

HARMONIC	FRACTN RADIUS 0.99		FRACTN RADIUS 0.99		FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.65		FRACTN OF CHORD 0.60		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1239E+02	0.0000E+00	0.1260E+02	0.0000E+00	0.1284E+02	0.0000E+00
1.	0.1407E+00	-0.7280E+02	0.1201E+00	-0.6576E+02	0.7189E-01	-0.4397E+02
2.	0.8174E-01	0.6516E+02	0.8655E-01	0.6079E+02	0.8587E-01	0.5839E+02
3.	0.3658E-01	-0.2068E+02	0.3970E-01	-0.1883E+02	0.3717E-01	-0.3517E+01
4.	0.1046E-01	0.1443E+03	0.1261E-01	0.1385E+03	0.1480E-01	0.1297E+03
5.	0.1099E-01	0.1675E+03	0.1328E-01	0.1598E+03	0.1800E-01	0.1617E+03
6.	0.6539E-02	0.1632E+03	0.6799E-02	0.1654E+03	0.7740E-02	0.1552E+03
7.	0.7674E-02	0.6079E+02	0.8725E-02	0.5083E+02	0.1067E-01	0.6624E+02
8.	0.5200E-02	-0.2265E+02	0.5588E-02	-0.1657E+02	0.7803E-02	0.1774E+02
9.	0.7340E-02	-0.4991E+02	0.7204E-02	-0.5115E+02	0.7071E-02	-0.3915E+02
10.	0.6010E-02	-0.9793E+02	0.5263E-02	-0.9986E+02	0.5291E-02	-0.8865E+02
11.	0.1719E-02	-0.1454E+03	0.2280E-02	0.1693E+03	0.3833E-02	0.1560E+03
12.	0.4347E-02	0.1688E+03	0.4354E-02	-0.1637E+03	0.3907E-02	0.1405E+03
13.	0.4912E-02	0.6235E+02	0.5011E-02	0.6301E+02	0.4109E-02	0.8433E+02
14.	0.2844E-02	-0.3434E+02	0.3512E-02	-0.5944E+02	0.3711E-02	-0.2490E+02
15.	0.4259E-02	-0.7567E+02	0.4892E-02	-0.6824E+02	0.4980E-02	-0.5905E+02

HARMONIC	FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1270E+02	0.0000E+00
1.	0.1249E+00	0.6215E+02
2.	0.5983E-01	0.7048E+02
3.	0.3680E-01	0.8111E+01
4.	0.3118E-01	0.1511E+03
5.	0.1478E-01	-0.1588E+03
6.	0.1554E-01	0.1579E+03
7.	0.5282E-02	0.3556E+02
8.	0.4550E-02	0.3242E+02
9.	0.3296E-02	-0.6778E+02
10.	0.6201E-02	-0.9568E+02
11.	0.1355E-02	-0.1362E+03
12.	0.4313E-02	0.1733E+03
13.	0.4951E-02	0.1054E+03
14.	0.3048E-02	-0.1898E+02
15.	0.3542E-02	-0.2028E+02

Table IV-12a. Harmonic pressure data for 98 KTAS, 600 FPM R/S, top surface

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1060E+02	0.0000E+00	0.1124E+02	0.0000E+00	0.1157E+02	0.0000E+00
1.	0.9939E+00	-0.3930E+02	0.8857E+00	-0.6601E+02	0.6978E+00	-0.7236E+02
2.	0.2991E+00	0.1333E+03	0.1256E+00	0.1044E+03	0.5869E-01	0.6620E+02
3.	0.8948E-01	-0.1759E+03	0.6284E-01	0.1444E+03	0.4337E-01	0.1429E+03
4.	0.3047E+00	0.1213E+03	0.1566E+00	0.1187E+03	0.9281E-01	0.1284E+03
5.	0.5228E-01	0.1012E+03	0.3097E-01	0.8510E+02	0.1749E-01	0.7961E+02
6.	0.1543E+00	-0.9777E+01	0.6847E-01	-0.2883E+00	0.3433E-01	0.6173E+01
7.	0.1675E+00	0.1420E+02	0.7104E-01	0.4488E+01	0.4174E-01	0.6228E+01
8.	0.6433E-01	0.4489E+02	0.3158E-01	0.1844E+02	0.1802E-01	0.2173E+02
9.	0.1031E+00	-0.4818E+01	0.4822E-01	-0.1752E+01	0.2285E-01	0.7503E+01
10.	0.7577E-01	0.4476E+01	0.3004E-01	-0.1094E+02	0.1741E-01	-0.2306E+02
11.	0.4231E-01	0.1465E+02	0.2169E-01	-0.2617E+02	0.7821E-02	0.2302E+02
12.	0.3757E-01	0.2203E+02	0.2272E-01	0.1049E+02	0.8059E-02	0.1116E+02
13.	0.1425E-01	0.1249E+03	0.8972E-02	0.1170E+03	0.4753E-02	0.1232E+03
14.	0.4487E-02	0.6202E+02	0.1920E-03	-0.9164E+01	0.1619E-02	0.8887E+02
15.	0.3551E-02	-0.1689E+03	0.7933E-03	-0.5883E+02	0.3905E-03	0.6132E+02

HARMONIC	FRACTN RADIUS 0.40		FRACTN RADIUS 0.40	
	FRACTN OF CHORD 0.25		FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1215E+02	0.0000E+00	0.1251E+02	0.0000E+00
1.	0.3821E+00	-0.8103E+02	0.1801E+00	-0.8606E+02
2.	0.5952E-01	0.2348E+02	0.2995E-01	0.3684E+02
3.	0.5408E-02	0.1005E+03	0.7803E-02	0.1714E+03
4.	0.4319E-01	0.1480E+03	0.2243E-01	0.1177E+03
5.	0.1832E-01	0.1370E+03	0.1365E-01	0.7170E+02
6.	0.1201E-01	0.5890E+02	0.4883E-02	-0.4322E+02
7.	0.1530E-01	-0.9740E+01	0.1914E-01	-0.3608E+02
8.	0.3786E-02	-0.5032E+02	0.8573E-02	-0.1322E+03
9.	0.1782E-02	0.1722E+03	0.8873E-02	-0.1027E+03
10.	0.1928E-02	-0.1288E+03	0.9732E-02	-0.1744E+03
11.	0.7717E-02	0.5416E+02	0.9933E-02	0.5923E+02
12.	0.8757E-02	-0.1499E+02	0.7407E-02	-0.5226E+02
13.	0.2629E-02	0.1192E+02	0.2611E-02	-0.1633E+03
14.	0.1437E-02	0.1029E+03	0.4744E-02	-0.7673E+02
15.	0.5288E-03	0.5506E+02	0.4528E-02	-0.1793E+03



Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9722E+01	0.0000E+00	0.1018E+02	0.0000E+00	0.1083E+02	0.0000E+00
1.	0.2008E+00	0.6006E+02	0.8076E+00	-0.7955E+02	0.8337E+00	-0.8657E+02
2.	0.2949E+00	0.9118E+02	0.2209E+00	0.3510E+02	0.1737E+00	0.1291E+02
3.	0.4207E+00	-0.1787E+03	0.3124E+00	-0.1732E+03	0.1463E+00	0.1761E+03
4.	0.3154E+00	0.1730E+03	0.1948E+00	0.1557E+03	0.1254E+00	0.1388E+03
5.	0.3678E+00	0.1160E+03	0.2045E+00	0.1082E+03	0.1007E+00	0.1037E+03
6.	0.1788E+00	0.1039E+03	0.8509E-01	0.1279E+03	0.4539E-01	0.1186E+03
7.	0.9514E-01	-0.1180E+03	0.4518E-01	-0.9547E+02	0.3128E-01	-0.8726E+02
8.	0.1377E+00	0.1669E+03	0.7637E-01	-0.1747E+03	0.4886E-01	0.1691E+03
9.	0.2245E+00	0.1379E+03	0.8972E-01	0.1456E+03	0.3482E-01	0.1417E+03
10.	0.2153E+00	0.1087E+03	0.1181E+00	0.1215E+03	0.6419E-01	0.1108E+03
11.	0.4625E-01	0.5416E+02	0.3872E-01	0.1136E+03	0.2689E-01	0.8905E+02
12.	0.3696E-01	-0.1260E+03	0.3115E-01	-0.3765E+02	0.3565E-01	-0.8558E+02
13.	0.1286E+00	0.1418E+03	0.5668E-01	0.1503E+03	0.2732E-01	0.1378E+03
14.	0.1468E+00	0.1113E+03	0.6108E-01	0.1331E+03	0.2318E-01	0.1388E+03
15.	0.8875E-01	0.7501E+02	0.2488E-01	0.1499E+03	0.1129E-01	0.1143E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1117E+02	0.0000E+00	0.1164E+02	0.0000E+00	0.1193E+02	0.0000E+00
1.	0.7368E+00	-0.8694E+02	0.5366E+00	-0.8869E+02	0.3968E+00	-0.8921E+02
2.	0.1320E+00	0.8348E+01	0.9171E-01	-0.1498E+01	0.5754E-01	-0.5128E+01
3.	0.7672E-01	0.1704E+03	0.4133E-01	0.1676E+03	0.2507E-01	0.1597E+03
4.	0.6642E-01	0.1407E+03	0.4860E-01	0.1339E+03	0.3514E-01	0.1323E+03
5.	0.5174E-01	0.1049E+03	0.3159E-01	0.1047E+03	0.1738E-01	0.1020E+03
6.	0.2458E-01	0.1099E+03	0.1352E-01	0.9448E+02	0.5689E-02	0.7438E+02
7.	0.1861E-01	-0.7940E+02	0.1037E-01	-0.5909E+02	0.5412E-02	-0.3390E+02
8.	0.2348E-01	0.1754E+03	0.1826E-01	-0.1797E+03	0.1404E-01	0.1725E+03
9.	0.2002E-01	0.1404E+03	0.2556E-02	-0.1635E+03	0.6552E-03	-0.8631E+02
10.	0.3683E-01	0.1123E+03	0.2189E-01	0.1097E+03	0.1708E-01	0.1067E+03
11.	0.1964E-01	0.9320E+02	0.1462E-01	0.8226E+02	0.9564E-02	0.9797E+02
12.	0.1803E-01	-0.9185E+02	0.1443E-01	-0.7939E+02	0.1340E-01	-0.8199E+02
13.	0.1285E-01	0.1437E+03	0.7902E-02	0.1161E+03	0.4911E-02	0.9020E+02
14.	0.1074E-01	0.1581E+03	0.5525E-02	-0.1697E+03	0.4743E-02	-0.1274E+03
15.	0.4212E-02	0.1149E+03	0.2742E-02	0.1286E+03	0.9538E-03	-0.1703E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1211E+02	0.0000E+00	0.1239E+02	0.0000E+00	0.1242E+02	0.0000E+00
1.	0.2330E+00	-0.9005E+02	0.1698E+00	-0.9156E+02	0.7952E-01	-0.9193E+02
2.	0.3288E-01	-0.8866E+01	0.3272E-01	-0.2018E+02	0.9157E-02	-0.5014E+02
3.	0.1589E-01	0.1638E+03	0.1221E-01	0.1765E+03	0.6689E-02	0.1720E+03
4.	0.2878E-01	0.1274E+03	0.3575E-01	0.1247E+03	0.1863E-01	0.1248E+03
5.	0.1326E-01	0.9080E+02	0.1125E-01	0.7559E+02	0.4093E-02	0.7359E+02
6.	0.4445E-02	0.7658E+02	0.5830E-02	0.2566E+01	0.4221E-02	-0.1030E+02
7.	0.4914E-02	-0.3373E+02	0.1121E-01	-0.4369E+02	0.4225E-02	-0.1673E+02
8.	0.1304E-01	0.1716E+03	0.1358E-01	-0.1799E+03	0.7479E-02	0.1709E+03
9.	0.4300E-02	-0.7347E+02	0.8376E-02	-0.5536E+02	0.8699E-02	-0.2450E+02
10.	0.1324E-01	0.8778E+02	0.1312E-01	0.1120E+03	0.7083E-02	0.9755E+02
11.	0.1071E-01	0.8279E+02	0.1245E-01	0.7693E+02	0.6651E-02	0.7786E+02
12.	0.1376E-01	-0.7568E+02	0.1154E-01	-0.8506E+02	0.8189E-02	-0.8818E+02
13.	0.6323E-02	0.8557E+02	0.6979E-02	0.1012E+03	0.5184E-02	0.8050E+02
14.	0.2414E-02	-0.1537E+03	0.5789E-02	-0.1072E+03	0.8303E-03	-0.1246E+03
15.	0.1778E-02	-0.1309E+03	0.4555E-02	-0.1588E+03	0.6865E-03	0.1765E+03

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.60	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1273E+02	0.0000E+00
1.	0.2808E-01	0.1134E+03
2.	0.6085E-02	-0.1303E+03
3.	0.2380E-02	-0.1182E+03
4.	0.1353E-01	0.1141E+03
5.	0.3781E-02	0.1208E+02
6.	0.7842E-02	-0.4642E+02
7.	0.5772E-02	-0.3670E+02
8.	0.9051E-02	-0.1648E+03
9.	0.5688E-02	-0.3534E+02
10.	0.5947E-02	0.1097E+03
11.	0.6783E-02	0.6317E+02
12.	0.9017E-02	-0.5211E+02
13.	0.4721E-02	0.1026E+03
14.	0.1659E-02	-0.1167E+03
15.	0.1523E-02	-0.1166E+03

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9534E+01	0.0000E+00	0.9509E+01	0.0000E+00	0.1059E+02	0.0000E+00
1.	0.1657E+01	0.1073E+03	0.3229E+00	-0.1396E+03	0.7581E+00	-0.1002E+03
2.	0.5710E+00	0.2763E+02	0.4278E+00	0.1442E+02	0.3428E+00	0.3244E+01
3.	0.5587E+00	0.1711E+03	0.3325E+00	0.1577E+03	0.1787E+00	0.1430E+03
4.	0.5987E+00	0.1544E+03	0.2876E+00	0.1505E+03	0.2125E+00	0.1373E+03
5.	0.4011E+00	0.1052E+03	0.1733E+00	0.9101E+02	0.1039E+00	0.1088E+03
6.	0.4207E+00	0.7008E+02	0.1881E+00	0.6677E+02	0.6030E-01	0.6152E+02
7.	0.1138E+00	0.1507E+02	0.5678E-01	-0.3570E+02	0.6563E-01	-0.4818E+02
8.	0.1584E+00	-0.1541E+03	0.1128E+00	-0.1435E+03	0.8604E-01	-0.1541E+03
9.	0.1355E+00	0.1414E+03	0.2257E-01	-0.1779E+03	0.3294E-01	-0.1045E+03
10.	0.3034E+00	0.8801E+02	0.1301E+00	0.8206E+02	0.6220E-01	0.9160E+02
11.	0.2357E+00	0.5213E+02	0.7548E-01	0.4634E+02	0.3613E-01	0.4638E+02
12.	0.1360E+00	-0.2861E+02	0.9235E-01	-0.6625E+02	0.8244E-01	-0.7884E+02
13.	0.7960E-01	-0.8907E+02	0.5903E-01	-0.8945E+02	0.2142E-01	-0.1073E+03
14.	0.4168E-01	0.1165E+03	0.1830E-01	-0.9654E+02	0.4916E-01	-0.6288E+02
15.	0.1389E+00	0.6499E+02	0.4016E-01	0.5082E+02	0.3977E-01	0.3499E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1098E+02	0.0000E+00	0.1149E+02	0.0000E+00	0.1188E+02	0.0000E+00
1.	0.8124E+00	-0.9570E+02	0.6822E+00	-0.9420E+02	0.4221E+00	-0.9608E+02
2.	0.2701E+00	0.4930E+00	0.2019E+00	-0.2040E+01	0.1055E+00	-0.1296E+02
3.	0.1204E+00	0.1259E+03	0.6853E-01	0.1145E+03	0.4428E-01	0.1263E+03
4.	0.1219E+00	0.1362E+03	0.1077E+00	0.1167E+03	0.6086E-01	0.1294E+03
5.	0.5573E-01	0.1182E+03	0.4909E-01	0.1239E+03	0.3100E-01	0.1234E+03
6.	0.4946E-01	0.6881E+02	0.1627E-01	0.4647E+02	0.1603E-01	0.5594E+02
7.	0.3594E-01	-0.3484E+02	0.3429E-01	-0.2575E+02	0.1498E-01	-0.2665E+02
8.	0.5898E-01	-0.1643E+03	0.5066E-01	-0.1678E+03	0.2700E-01	-0.1693E+03
9.	0.1011E-01	-0.1369E+03	0.5093E-02	-0.1043E+02	0.5478E-02	-0.1277E+03
10.	0.4584E-01	-0.1779E+03	0.4905E-01	0.8510E+02	0.1988E-01	0.9054E+02
11.	0.3443E-01	0.2596E+02	0.2942E-01	0.1994E+02	0.1107E-01	0.2984E+02
12.	0.5731E-01	-0.7139E+02	0.4975E-01	-0.7228E+02	0.2091E-01	-0.7226E+02
13.	0.6701E-02	-0.8911E+02	0.1142E-01	-0.1346E+03	0.2399E-02	-0.1686E+03
14.	0.2561E-01	-0.6913E+02	0.2963E-01	-0.6771E+02	0.1025E-01	-0.7324E+02
15.	0.1232E-01	-0.1701E+02	0.2175E-01	0.2210E+02	0.1039E-01	-0.1268E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1177E+02	0.0000E+00	0.1196E+02	0.0000E+00	0.1244E+02	0.0000E+00
1.	0.3531E+00	-0.9402E+02	0.1540E+00	-0.8991E+02	0.1058E+00	-0.8151E+02
2.	0.9774E-01	-0.9966E+01	0.3955E-01	-0.2132E+02	0.1858E-01	-0.2117E+02
3.	0.3583E-01	0.1042E+03	0.2187E-01	0.1077E+03	0.1201E-01	0.1102E+03
4.	0.7608E-01	0.1285E+03	0.3563E-01	0.1341E+03	0.2320E-01	0.1331E+03
5.	0.2546E-01	0.9634E+02	0.1524E-01	0.9728E+02	0.9901E-02	0.7942E+02
6.	0.1829E-01	-0.4556E+02	0.7851E-02	-0.2936E+02	0.9171E-02	-0.6049E+02
7.	0.2661E-01	-0.2316E+02	0.1104E-01	0.6293E+01	0.6670E-02	-0.1461E+00
8.	0.3524E-01	-0.1602E+03	0.1672E-01	-0.1506E+03	0.1130E-01	-0.1458E+03
9.	0.5794E-02	-0.4306E+02	0.3033E-02	-0.4421E+02	0.4388E-02	-0.1367E+02
10.	0.1804E-01	0.1489E+03	0.3851E-02	0.8074E+02	0.1398E-02	0.9287E+02
11.	0.2036E-01	0.6252E+02	0.1297E-01	0.5889E+02	0.9826E-02	0.7011E+02
12.	0.4502E-01	-0.5708E+02	0.2166E-01	-0.5991E+02	0.1737E-01	-0.4904E+02
13.	0.2892E-02	0.1410E+03	0.5348E-02	0.1495E+03	0.4472E-02	0.1549E+03
14.	0.3000E-01	-0.5035E+02	0.1449E-01	-0.4369E+02	0.1154E-01	-0.3726E+02
15.	0.1042E-01	0.2033E+02	0.2979E-02	-0.5577E+01	0.3633E-02	0.3383E+02

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9559E+01	0.0000E+00	0.9537E+01	0.0000E+00	0.1063E+02	0.0000E+00
1.	0.1658E+01	0.1077E+03	0.3307E+00	-0.1409E+03	0.7737E+00	-0.1014E+03
2.	0.5473E+00	0.2482E+02	0.4108E+00	0.8813E+01	0.3218E+00	-0.5437E+01
3.	0.5465E+00	0.1698E+03	0.3226E+00	0.1550E+03	0.1686E+00	0.1304E+03
4.	0.6314E+00	0.1564E+03	0.3302E+00	0.1550E+03	0.2507E+00	0.1497E+03
5.	0.3977E+00	0.1056E+03	0.1696E+00	0.9125E+02	0.1040E+00	0.1192E+03
6.	0.4683E+00	0.7078E+02	0.2433E+00	0.6807E+02	0.1459E+00	0.6874E+02
7.	0.1124E+00	0.7271E+01	0.6530E-01	-0.4914E+02	0.8950E-01	-0.5848E+02
8.	0.1416E+00	-0.1452E+03	0.9838E-01	-0.1256E+03	0.7559E-01	-0.1273E+03
9.	0.1506E+00	0.1391E+03	0.3075E-01	0.1472E+03	0.1725E-01	0.1463E+03
10.	0.2678E+00	0.8760E+02	0.8190E-01	0.8076E+02	0.8722E-02	0.6302E+01
11.	0.2325E+00	0.5252E+02	0.7195E-01	0.4817E+02	0.2357E-01	0.2352E+02
12.	0.9568E-01	-0.2870E+02	0.5632E-01	-0.9424E+02	0.6027E-01	-0.1399E+03
13.	0.8077E-01	-0.7693E+02	0.6784E-01	-0.7280E+02	0.3890E-01	-0.4547E+02
14.	0.5228E-01	0.9876E+02	0.9902E-02	0.1265E+02	0.5091E-01	-0.4091E+02
15.	0.1325E+00	0.6947E+02	0.3574E-01	0.7562E+02	0.3188E-01	0.1074E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1101E+02	0.0000E+00	0.1153E+02	0.0000E+00	0.1170E+02	0.0000E+00
1.	0.8177E+00	-0.9640E+02	0.6958E+00	-0.9540E+02	0.4276E+00	-0.9708E+02
2.	0.2607E+00	-0.7428E+01	0.1901E+00	-0.1492E+02	0.1011E+00	-0.2152E+02
3.	0.1186E+00	0.1186E+03	0.8009E-01	0.9323E+02	0.4592E-01	0.1053E+03
4.	0.1559E+00	0.1491E+03	0.1312E+00	0.1413E+03	0.6962E-01	0.1456E+03
5.	0.6014E-01	0.1217E+03	0.5929E-01	0.1303E+03	0.3374E-01	0.1351E+03
6.	0.1067E+00	0.6578E+02	0.9003E-01	0.6579E+02	0.4575E-01	0.6484E+02
7.	0.4971E-01	-0.5500E+02	0.6243E-01	-0.4846E+02	0.2429E-01	-0.5189E+02
8.	0.4570E-01	-0.1375E+03	0.3757E-01	-0.1317E+03	0.2368E-01	-0.1465E+03
9.	0.1668E-01	0.1059E+03	0.2512E-01	0.9202E+02	0.1322E-01	0.1101E+03
10.	0.7208E-01	-0.1330E+03	0.1694E-01	-0.3680E+02	0.5837E-02	-0.2444E+02
11.	0.2004E-01	0.2402E+02	0.5160E-02	0.1355E+02	0.5473E-02	-0.2635E+02
12.	0.2493E-01	-0.1495E+03	0.3818E-01	-0.1740E+03	0.1588E-01	-0.1752E+03
13.	0.3007E-01	-0.2851E+02	0.3237E-01	-0.8985E+01	0.1235E-01	-0.8678E+01
14.	0.2471E-01	-0.3504E+02	0.2924E-01	-0.4782E+02	0.1250E-01	-0.4954E+02
15.	0.1591E-01	0.1399E+03	0.1813E-01	0.1082E+03	0.7302E-02	0.1476E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1179E+02	0.0000E+00	0.1197E+02	0.0000E+00	0.1245E+02	0.0000E+00
1.	0.3541E+00	-0.9361E+02	0.1512E+00	-0.9086E+02	0.1054E+00	-0.8230E+02
2.	0.1130E+00	-0.3100E+02	0.4821E-01	-0.3999E+02	0.2570E-01	-0.5046E+02
3.	0.3458E-01	0.1107E+03	0.2359E-01	0.1023E+03	0.1423E-01	0.1015E+03
4.	0.1069E+00	0.1447E+03	0.4942E-01	0.1468E+03	0.3324E-01	0.1500E+03
5.	0.2774E-01	0.9583E+02	0.1422E-01	0.8445E+02	0.9195E-02	0.7572E+02
6.	0.2749E-01	0.5912E+02	0.1414E-01	0.5154E+02	0.7915E-02	0.4706E+02
7.	0.2726E-01	-0.1935E+02	0.9534E-02	-0.1098E+02	0.7234E-02	-0.1392E+02
8.	0.1414E-01	-0.7613E+02	0.9429E-02	-0.8954E+02	0.8288E-02	-0.7372E+02
9.	0.8395E-02	-0.5751E+02	0.1871E-02	-0.7729E+02	0.2499E-02	-0.7372E+02
10.	0.3052E-01	-0.1303E+03	0.1103E-01	-0.1006E+03	0.9871E-02	-0.9169E+02
11.	0.2157E-01	0.6730E+02	0.1509E-01	0.8768E+02	0.1013E-01	0.7070E+02
12.	0.3517E-01	-0.9677E+02	0.1549E-01	-0.9420E+02	0.1171E-01	-0.9030E+02
13.	0.2993E-02	0.1297E+03	0.3244E-02	0.1294E+03	0.3741E-02	0.1315E+03
14.	0.2358E-01	0.1031E+02	0.1228E-01	0.5538E+01	0.1110E-01	0.1029E+02
15.	0.1169E-01	0.7053E+01	0.4176E-02	-0.1210E+02	0.2671E-02	0.1533E+02

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9730E+01	0.0000E+00	0.9633E+01	0.0000E+00	0.9648E+01	0.0000E+00
1.	0.7219E+00	0.1402E+03	0.1063E+01	-0.1073E+03	0.1499E+01	-0.9863E+02
2.	0.3705E+00	0.2492E+02	0.6532E+00	-0.1945E+01	0.7198E+00	-0.7310E+01
3.	0.2959E+00	0.1632E+03	0.3264E+00	0.1099E+03	0.3463E+00	0.9535E+02
4.	0.3741E+00	0.1383E+03	0.3452E+00	0.1503E+03	0.3045E+00	0.1525E+03
5.	0.2398E+00	0.1164E+03	0.5711E-01	0.1619E+03	0.4225E-01	-0.1062E+03
6.	0.1970E+00	0.6078E+02	0.1456E+00	0.3783E+02	0.1524E+00	0.3098E+02
7.	0.1608E+00	0.8528E+01	0.8028E-01	0.2931E+02	0.7012E-01	0.8008E+02
8.	0.3848E-01	-0.1427E+03	0.6221E-01	-0.1365E+03	0.1156E+00	-0.1467E+03
9.	0.6402E-01	-0.1328E+03	0.4888E-01	-0.7754E+02	0.9807E-01	-0.6554E+02
10.	0.6774E-01	0.1041E+03	0.4913E-01	0.1031E+03	0.6414E-01	0.4649E+02
11.	0.9523E-01	0.5226E+02	0.3530E-01	0.5744E+02	0.6681E-01	0.8033E+02
12.	0.9835E-01	-0.2839E+02	0.6532E-01	-0.3533E+02	0.4229E-01	-0.7933E+02
13.	0.4932E-01	-0.7153E+02	0.2531E-01	-0.1103E+03	0.4245E-01	-0.1023E+03
14.	0.4701E-01	-0.8627E+02	0.6104E-01	-0.9244E+02	0.3337E-01	-0.7088E+02
15.	0.1921E-01	0.6504E+02	0.4212E-01	0.8895E+01	0.2555E-01	0.4797E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1067E+02	0.0000E+00	0.1171E+02	0.0000E+00	0.1204E+02	0.0000E+00
1.	0.7917E+00	-0.9848E+02	0.4106E+00	-0.9619E+02	0.3002E+00	-0.9406E+02
2.	0.2445E+00	-0.1589E+02	0.1406E+00	-0.2046E+02	0.1203E+00	-0.1985E+02
3.	0.4348E-01	0.1105E+03	0.2478E-01	0.1312E+03	0.3004E-01	0.1420E+03
4.	0.1050E+00	0.1093E+03	0.9813E-01	0.1261E+03	0.1048E+00	0.1329E+03
5.	0.7875E-01	0.1058E+03	0.5084E-01	0.1180E+03	0.4873E-01	0.1248E+03
6.	0.2267E-01	0.7712E+02	0.2393E-01	0.5798E+02	0.2748E-01	0.5363E+02
7.	0.4683E-01	-0.3747E+02	0.3879E-01	-0.2106E+02	0.4608E-01	-0.1558E+02
8.	0.1043E-01	-0.9141E+02	0.1363E-01	-0.1170E+03	0.2182E-01	-0.1159E+03
9.	0.5496E-02	-0.7278E+02	0.1703E-01	-0.6342E+02	0.2155E-01	-0.5861E+02
10.	0.2514E-01	0.1608E+03	0.2187E-01	-0.1714E+03	0.2418E-01	-0.1640E+03
11.	0.1961E-01	-0.1022E+02	0.1360E-01	0.2495E+02	0.9550E-02	0.1379E+02
12.	0.4761E-01	-0.3672E+02	0.3794E-01	-0.4538E+02	0.3979E-01	-0.4913E+02
13.	0.8371E-02	0.1550E+03	0.2880E-02	-0.1379E+03	0.3248E-02	0.1377E+03
14.	0.1979E-01	-0.1361E+03	0.1404E-01	-0.5326E+02	0.2031E-01	-0.3021E+02
15.	0.8141E-02	-0.3226E+02	0.1098E-01	0.4669E+02	0.1914E-01	0.2229E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1194E+02	0.0000E+00	0.1213E+02	0.0000E+00	0.1230E+02	0.0000E+00
1.	0.2043E+00	-0.9432E+02	0.1653E+00	-0.9299E+02	0.1149E+00	-0.8706E+02
2.	0.8000E-01	-0.2082E+02	0.6754E-01	-0.2033E+02	0.6029E-01	-0.1861E+02
3.	0.2006E-01	0.1428E+03	0.1777E-01	0.1494E+03	0.2031E-01	0.1497E+03
4.	0.5570E-01	0.1293E+03	0.4587E-01	0.1314E+03	0.4578E-01	0.1344E+03
5.	0.3028E-01	0.1177E+03	0.2508E-01	0.1154E+03	0.2492E-01	0.1090E+03
6.	0.1720E-01	0.5055E+02	0.1988E-01	0.5248E+02	0.1550E-01	0.5457E+02
7.	0.2464E-01	-0.1356E+02	0.1893E-01	-0.7951E+01	0.2035E-01	-0.1814E+02
8.	0.6669E-02	-0.1262E+03	0.7230E-02	-0.1123E+03	0.8768E-02	-0.1172E+03
9.	0.8153E-02	-0.6936E+02	0.4409E-02	-0.5466E+02	0.6312E-02	-0.2996E+02
10.	0.1146E-01	-0.1760E+03	0.1239E-01	-0.1707E+03	0.1422E-01	-0.1776E+03
11.	0.9744E-02	0.1901E+02	0.1042E-01	-0.4267E+01	0.7798E-02	-0.9391E+01
12.	0.2364E-01	-0.4182E+02	0.1713E-01	-0.3845E+02	0.2279E-01	-0.3423E+02
13.	0.2475E-02	-0.1263E+03	0.3172E-02	-0.1722E+03	0.2338E-02	-0.1761E+03
14.	0.6995E-02	-0.1019E+03	0.5981E-02	-0.4035E+02	0.1098E-01	-0.5616E+02
15.	0.7388E-02	0.5607E+02	0.5925E-02	0.5315E+02	0.8443E-02	0.5400E+02

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.80		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1239E+02	0.0000E+00	0.1214E+02	0.0000E+00	0.1314E+02	0.0000E+00
1.	0.8418E-01	-0.8933E+02	0.5428E-01	-0.7785E+02	0.1168E+00	0.8521E+02
2.	0.5137E-01	-0.2951E+02	0.2809E-01	-0.3767E+02	0.1076E-01	-0.1229E+03
3.	0.1930E-01	0.1462E+03	0.1187E-01	0.1352E+03	0.2970E-01	-0.1763E+03
4.	0.4510E-01	0.1400E+03	0.2275E-01	0.1381E+03	0.6789E-01	0.1308E+03
5.	0.2265E-01	0.1017E+03	0.1024E-01	0.9009E+02	0.3318E-01	0.1381E+03
6.	0.1425E-01	0.5873E+02	0.1247E-01	0.5532E+02	0.5341E-02	-0.1524E+03
7.	0.1991E-01	-0.2446E+02	0.8516E-02	-0.4732E+02	0.1455E-01	-0.4105E+01
8.	0.5354E-02	-0.1120E+03	0.4440E-02	-0.9685E+02	0.1904E-01	0.1728E+03
9.	0.7850E-02	-0.5694E+02	0.3221E-02	0.1305E+02	0.1906E-01	-0.6357E+02
10.	0.1569E-01	-0.1544E+03	0.7974E-02	-0.1647E+03	0.1524E-01	0.1660E+03
11.	0.7460E-02	-0.2961E+02	0.9847E-02	-0.1919E+02	0.5107E-02	0.1258E+03
12.	0.1949E-01	-0.4156E+02	0.1290E-01	-0.3887E+02	0.2676E-01	-0.7981E+02
13.	0.5915E-02	0.1674E+03	0.3709E-02	-0.1551E+03	0.8058E-02	0.1647E+03
14.	0.1038E-01	-0.5440E+02	0.3787E-02	-0.8118E+02	0.5067E-02	0.2013E+02
15.	0.1210E-01	0.4081E+02	0.4138E-02	0.3904E+02	0.1878E-01	0.1599E+02

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1030E+02	0.0000E+00	0.8775E+01	0.0000E+00	0.9109E+01	0.0000E+00
1.	0.2494E+01	0.1107E+03	0.9731E+00	0.1434E+03	0.1249E+01	-0.1118E+03
2.	0.6636E+00	0.3190E+02	0.3329E+00	0.3476E+02	0.5998E+00	-0.8656E+01
3.	0.2369E+00	0.1605E+03	0.3015E+00	0.1581E+03	0.2100E+00	0.1126E+03
4.	0.5258E+00	0.1504E+03	0.3924E+00	0.1368E+03	0.1764E+00	0.1300E+03
5.	0.4178E+00	0.1312E+03	0.2742E+00	0.1178E+03	0.1574E+00	0.9123E+02
6.	0.3787E+00	0.6923E+02	0.2419E+00	0.5915E+02	0.1163E+00	0.8374E+02
7.	0.3650E+00	0.1594E+02	0.2160E+00	0.8688E+01	0.8471E-01	-0.3341E+02
8.	0.1601E+00	-0.2341E+02	0.7699E-01	-0.1784E+02	0.6126E-01	-0.9229E+01
9.	0.1264E+00	-0.1384E+03	0.5497E-01	-0.1499E+03	0.4654E-01	-0.1517E+03
10.	0.1349E+00	0.1383E+03	0.6574E-01	0.1124E+03	0.1792E-01	-0.1147E+03
11.	0.1880E+00	0.6073E+02	0.1053E+00	0.4593E+02	0.7467E-01	0.3297E+02
12.	0.2066E+00	0.7397E+01	0.1092E+00	-0.1368E+02	0.2468E-01	-0.2733E+02
13.	0.1644E+00	-0.4168E+02	0.8499E-01	-0.5637E+02	0.4956E-01	-0.9867E+02
14.	0.1650E+00	-0.1009E+03	0.8034E-01	-0.1048E+03	0.4448E-01	-0.1103E+03
15.	0.7547E-01	-0.1522E+03	0.2420E-01	-0.1284E+03	0.1706E-01	-0.1299E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1002E+02	0.0000E+00	0.1089E+02	0.0000E+00	0.1087E+02	0.0000E+00
1.	0.1368E+01	-0.1042E+03	0.8817E+00	-0.1018E+03	0.7274E+00	-0.1002E+03
2.	0.7870E+00	-0.1675E+02	0.3644E+00	-0.1612E+02	0.2033E+00	-0.2528E+02
3.	0.4580E+00	0.7218E+02	0.1251E+00	0.8855E+02	0.2283E-01	-0.1337E+03
4.	0.4263E+00	0.1396E+03	0.2008E+00	0.1393E+03	0.8008E-01	0.9619E+02
5.	0.1813E+00	-0.1471E+03	0.8144E-01	-0.1597E+03	0.9552E-01	0.9857E+02
6.	0.1530E+00	-0.1520E+02	0.1237E+00	-0.1061E+02	0.3034E-01	0.1100E+03
7.	0.9376E-01	0.3284E+02	0.1532E+00	0.3303E+02	0.7026E-01	-0.4206E+02
8.	0.4007E-01	-0.1134E+03	0.9704E-01	0.1402E+03	0.4507E-01	-0.7498E+01
9.	0.7714E-01	-0.5340E+02	0.1311E+00	-0.1212E+03	0.6328E-02	0.7268E+02
10.	0.7977E-01	0.6886E+02	0.9962E-01	-0.4365E+02	0.3582E-01	0.1671E+03
11.	0.6161E-01	0.1230E+03	0.1355E+00	0.4917E+02	0.1095E-01	0.9620E+01
12.	0.6245E-01	-0.8649E+02	0.6649E-01	0.1331E+03	0.4813E-01	-0.3855E+02
13.	0.1802E-01	-0.6648E+02	0.9591E-01	-0.1342E+03	0.5841E-02	0.1146E+03
14.	0.6240E-01	-0.1522E+03	0.9725E-01	-0.6100E+02	0.2903E-01	-0.1354E+03
15.	0.6020E-01	-0.8932E+02	0.6744E-01	0.2833E+02	0.1889E-01	-0.8534E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1148E+02	0.0000E+00	0.1157E+02	0.0000E+00	0.1220E+02	0.0000E+00
1.	0.4059E+00	-0.9685E+02	0.2717E+00	-0.9587E+02	0.1841E+00	-0.9343E+02
2.	0.1261E+00	-0.2653E+02	0.9769E-01	-0.3076E+02	0.6833E-01	-0.3058E+02
3.	0.1888E-01	0.1779E+03	0.1701E-01	0.1709E+03	0.1161E-01	0.1740E+03
4.	0.6656E-01	0.1224E+03	0.6073E-01	0.1311E+03	0.3036E-01	0.1227E+03
5.	0.4126E-01	0.1062E+03	0.2795E-01	0.1143E+03	0.2264E-01	0.1073E+03
6.	0.2200E-01	0.1809E+02	0.2485E-01	0.3032E+01	0.1553E-01	0.2638E+02
7.	0.4913E-01	-0.1922E+02	0.4587E-01	-0.1681E+02	0.2724E-01	-0.1564E+02
8.	0.2116E-01	-0.5341E+01	0.2331E-01	0.5962E+01	0.1181E-01	0.8714E+01
9.	0.1113E-01	-0.4192E+02	0.8639E-02	-0.5220E+02	0.1511E-02	-0.1436E+03
10.	0.2200E-01	0.1619E+03	0.1703E-01	0.1649E+03	0.1047E-01	0.1530E+03
11.	0.9815E-02	0.5863E+02	0.8568E-02	0.5142E+02	0.4852E-02	0.2975E+02
12.	0.3818E-01	-0.5603E+02	0.3263E-01	-0.6220E+02	0.2331E-01	-0.4903E+02
13.	0.1419E-02	-0.1334E+03	0.2841E-02	-0.1546E+03	0.4797E-02	-0.3370E+02
14.	0.1806E-01	-0.1233E+03	0.1438E-01	-0.1242E+03	0.1143E-01	-0.1321E+03
15.	0.8487E-02	-0.7768E+02	0.1024E-01	-0.7491E+02	0.4704E-02	-0.1314E+03

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.65		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1251E+02	0.0000E+00	0.1285E+02	0.0000E+00	0.1219E+02	0.0000E+00
1.	0.9534E-01	-0.8694E+02	0.8147E-01	-0.8061E+02	0.5480E-01	-0.7807E+02
2.	0.4728E-01	-0.3585E+02	0.4517E-01	-0.3469E+02	0.4489E-01	-0.3177E+02
3.	0.8917E-02	-0.1790E+03	0.1033E-01	0.1592E+03	0.1011E-01	-0.1744E+03
4.	0.2571E-01	0.1299E+03	0.2449E-01	0.1347E+03	0.2778E-01	0.1212E+03
5.	0.1387E-01	0.1098E+03	0.1350E-01	0.1158E+03	0.1539E-01	0.9142E+02
6.	0.1396E-01	0.4550E+02	0.1664E-01	-0.4235E+01	0.1316E-01	0.2282E+02
7.	0.2304E-01	-0.1264E+02	0.2347E-01	-0.1605E+02	0.2239E-01	-0.2454E+02
8.	0.1117E-01	0.2202E+02	0.1397E-01	0.1409E+02	0.3420E-02	-0.1616E+03
9.	0.1258E-02	0.1552E+03	0.1893E-02	-0.5113E+02	0.2462E-02	-0.3216E+02
10.	0.1008E-01	0.1511E+03	0.8996E-02	0.1571E+03	0.1189E-01	0.1392E+03
11.	0.2234E-02	0.4130E+02	0.5296E-02	0.1594E+02	0.8513E-02	0.5360E+02
12.	0.1937E-01	-0.6157E+02	0.1819E-01	-0.5270E+02	0.2113E-01	-0.6512E+02
13.	0.3019E-02	-0.8239E+02	0.1906E-02	-0.6711E+02	0.3279E-02	-0.9785E+02
14.	0.1140E-01	-0.1322E+03	0.1069E-01	-0.1341E+03	0.6658E-02	-0.1486E+03
15.	0.3556E-02	-0.6585E+02	0.4257E-02	-0.9145E+02	0.2456E-02	0.1568E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1268E+02	0.0000E+00
1.	0.3875E-01	0.4571E+02
2.	0.2456E-01	-0.4002E+02
3.	0.8246E-02	-0.1779E+03
4.	0.1712E-01	0.1270E+03
5.	0.1037E-01	0.9330E+02
6.	0.9780E-02	0.1586E+02
7.	0.1606E-01	-0.2339E+02
8.	0.2429E-02	-0.1463E+03
9.	0.6325E-03	-0.5205E+01
10.	0.6112E-02	0.1406E+03
11.	0.4743E-02	0.3966E+02
12.	0.1498E-01	-0.6255E+02
13.	0.2377E-02	-0.1193E+03
14.	0.3657E-02	-0.1586E+03
15.	0.2346E-02	0.1456E+03



Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1120E+02	0.0000E+00	0.8088E+01	0.0000E+00	0.9538E+01	0.0000E+00
1.	0.2911E+01	0.1100E+03	0.1397E+01	0.1730E+03	0.1056E+01	-0.1246E+03
2.	0.7366E+00	0.3323E+02	0.5512E+00	0.1930E+02	0.4335E+00	-0.1171E+02
3.	0.1485E+00	0.1379E+03	0.3897E+00	0.1234E+03	0.1395E+00	0.1099E+03
4.	0.4489E+00	0.1463E+03	0.5399E+00	0.1370E+03	0.1694E+00	0.1204E+03
5.	0.3347E+00	0.1379E+03	0.3723E+00	0.1212E+03	0.1214E+00	0.9181E+02
6.	0.2669E+00	0.6570E+02	0.3393E+00	0.6577E+02	0.1173E+00	0.5108E+02
7.	0.3529E+00	0.1063E+02	0.2961E+00	0.1355E+02	0.1060E+00	0.1357E+01
8.	0.1790E+00	-0.2813E+02	0.1441E+00	-0.4152E+02	0.3690E-01	-0.2704E+02
9.	0.1287E+00	-0.1120E+03	0.1313E+00	-0.1109E+03	0.3626E-01	-0.1205E+03
10.	0.1512E+00	0.1681E+03	0.1284E+00	0.1569E+03	0.4496E-01	0.1643E+03
11.	0.1037E+00	0.8740E+02	0.1125E+00	0.7741E+02	0.3267E-01	0.3780E+02
12.	0.1421E+00	0.6900E+01	0.1324E+00	-0.7320E+01	0.7356E-01	-0.3016E+02
13.	0.1229E+00	-0.2956E+02	0.9819E-01	-0.4868E+02	0.4536E-01	-0.5965E+02
14.	0.1397E+00	-0.9413E+02	0.1282E+00	-0.1110E+03	0.5419E-01	-0.9781E+02
15.	0.1221E+00	-0.1396E+03	0.8512E-01	-0.1609E+03	0.2047E-01	-0.1452E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1011E+02	0.0000E+00	0.1112E+02	0.0000E+00	0.1198E+02	0.0000E+00
1.	0.1697E+01	-0.1052E+03	0.6079E+00	-0.1020E+03	0.3940E+00	-0.9771E+02
2.	0.8231E+00	-0.1854E+02	0.1088E+00	-0.1427E+02	0.1072E+00	-0.1116E+02
3.	0.3951E+00	0.6898E+02	0.5036E-01	-0.1547E+03	0.2928E-01	0.1301E+03
4.	0.2855E+00	0.1328E+03	0.4999E-01	0.8312E+02	0.7060E-01	0.1119E+03
5.	0.3067E-01	0.1596E+03	0.6436E-01	0.6795E+02	0.2628E-01	0.6809E+02
6.	0.8727E-01	0.3670E+02	0.3020E-01	-0.1136E+02	0.4448E-01	-0.3868E+02
7.	0.1698E-01	-0.7810E+02	0.6844E-01	-0.3305E+02	0.5652E-01	-0.3549E+02
8.	0.8989E-01	-0.7890E+02	0.2571E-01	0.1074E+02	0.2304E-01	-0.1744E+01
9.	0.6698E-01	-0.1877E+02	0.1109E-01	-0.1232E+03	0.1499E-01	-0.2928E+02
10.	0.6894E-01	0.1206E+03	0.3238E-01	0.1666E+03	0.3650E-01	0.1335E+03
11.	0.6749E-02	-0.4661E+02	0.2307E-01	0.3476E+02	0.2217E-01	0.9291E+02
12.	0.9096E-01	-0.1813E+02	0.5818E-01	-0.3933E+02	0.5500E-01	-0.6165E+02
13.	0.2299E-01	0.1159E+03	0.1298E-01	-0.7757E+02	0.2135E-01	-0.7639E+02
14.	0.7934E-01	-0.1247E+03	0.3818E-01	-0.1151E+03	0.2570E-01	-0.1076E+03
15.	0.3617E-01	-0.4648E+02	0.1425E-01	-0.6650E+02	0.7709E-02	-0.5387E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1216E+02	0.0000E+00	0.1222E+02	0.0000E+00	0.1231E+02	0.0000E+00
1.	0.2375E+00	-0.9034E+02	0.1634E+00	-0.7048E+02	0.1250E+00	-0.6230E+02
2.	0.6358E-01	-0.1192E+02	0.4857E-01	-0.1722E+02	0.4790E-01	-0.1548E+02
3.	0.2475E-01	0.1170E+03	0.1517E-01	0.1761E+03	0.1184E-01	0.1713E+03
4.	0.5836E-01	0.1147E+03	0.2819E-01	0.1117E+03	0.2296E-01	0.1123E+03
5.	0.1148E-01	0.5296E+02	0.1153E-01	0.9221E+02	0.8318E-02	0.9965E+02
6.	0.5451E-01	-0.4743E+02	0.1559E-01	-0.3529E+02	0.1287E-01	-0.3653E+02
7.	0.5267E-01	-0.3413E+02	0.2718E-01	-0.4109E+02	0.2322E-01	-0.4299E+02
8.	0.3219E-01	0.1016E+02	0.3688E-02	-0.1397E+03	0.1500E-02	-0.1070E+03
9.	0.1506E-01	-0.3806E+02	0.4242E-02	-0.7979E+02	0.2133E-02	-0.1040E+03
10.	0.2978E-01	0.1319E+03	0.1751E-01	0.1243E+03	0.1507E-01	0.1218E+03
11.	0.1844E-01	0.8425E+02	0.1163E-01	0.8071E+02	0.9983E-02	0.8209E+02
12.	0.5080E-01	-0.6305E+02	0.2186E-01	-0.6136E+02	0.1862E-01	-0.6361E+02
13.	0.2142E-01	-0.7359E+02	0.8765E-02	-0.8116E+02	0.7489E-02	-0.7857E+02
14.	0.2232E-01	-0.1166E+03	0.1060E-01	-0.9465E+02	0.9567E-02	-0.9764E+02
15.	0.7362E-02	-0.3047E+02	0.1604E-02	-0.3102E+02	0.1203E-02	-0.1055E+02

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.70	PHASE	FRACTN OF CHORD 0.92	PHASE
0.	0.1249E+02	0.0000E+00	0.1295E+02	0.0000E+00
1.	0.8242E-01	-0.8471E+01	0.1287E+00	0.6844E+02
2.	0.3942E-01	-0.4507E+01	0.1732E-01	0.1692E+02
3.	0.1156E-01	-0.1590E+03	0.7997E-02	-0.1066E+03
4.	0.2314E-01	0.1287E+03	0.1704E-01	0.1379E+03
5.	0.5658E-02	0.8234E+02	0.3876E-02	-0.1140E+03
6.	0.1260E-01	-0.2446E+02	0.1322E-01	-0.6403E+02
7.	0.2123E-01	-0.2880E+02	0.1356E-01	-0.3449E+02
8.	0.1245E-01	-0.1661E+03	0.1041E-01	0.1770E+03
9.	0.4288E-02	-0.2895E+02	0.3757E-02	-0.1013E+02
10.	0.1768E-01	0.1299E+03	0.1275E-01	0.1358E+03
11.	0.1054E-01	0.8667E+02	0.6165E-02	0.9649E+02
12.	0.2093E-01	-0.5518E+02	0.1742E-01	-0.6293E+02
13.	0.1966E-02	-0.8802E+02	0.2817E-02	-0.1443E+03
14.	0.8074E-02	-0.7836E+02	0.4430E-02	-0.7806E+02
15.	0.1745E-02	-0.1143E+03	0.1029E-02	0.1286E+03

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1084E+02	0.0000E+00	0.8984E+01	0.0000E+00	0.8830E+01	0.0000E+00
1.	0.2312E+01	0.1124E+03	0.1029E+01	0.1522E+03	0.1268E+01	-0.1203E+03
2.	0.5386E+00	0.3512E+02	0.3189E+00	0.3375E+02	0.3702E+00	-0.1800E+02
3.	0.1722E+00	0.1189E+03	0.2899E+00	0.1310E+03	0.1557E+00	0.1458E+03
4.	0.3715E+00	0.1394E+03	0.3983E+00	0.1221E+03	0.1488E+00	0.1219E+03
5.	0.2836E+00	0.1365E+03	0.2898E+00	0.1136E+03	0.1420E+00	0.9812E+02
6.	0.2186E+00	0.6805E+02	0.2109E+00	0.5267E+02	0.8744E-01	0.5995E+02
7.	0.2816E+00	0.7125E+01	0.2419E+00	-0.8427E+00	0.1017E+00	-0.2055E+02
8.	0.1550E+00	-0.3438E+02	0.1056E+00	-0.4265E+02	0.4235E-01	-0.6057E+02
9.	0.1261E+00	-0.1162E+03	0.8778E-01	-0.1134E+03	0.4187E-01	-0.1109E+03
10.	0.1334E+00	-0.1798E+03	0.7402E-01	0.1585E+03	0.4633E-01	0.1353E+03
11.	0.6445E-01	0.9839E+02	0.2628E-01	0.2212E+02	0.2714E-01	0.7845E+02
12.	0.9858E-01	0.3242E+01	0.1119E+00	-0.4841E+02	0.5335E-01	-0.7481E+02
13.	0.1007E+00	-0.2898E+02	0.7979E-01	-0.8517E+02	0.3880E-01	-0.1138E+03
14.	0.9815E-01	-0.9529E+02	0.9753E-01	-0.1355E+03	0.4752E-01	-0.1416E+03
15.	0.1006E+00	-0.1516E+03	0.8175E-01	-0.1768E+03	0.4120E-01	-0.1785E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1012E+02	0.0000E+00	0.1104E+02	0.0000E+00	0.1202E+02	0.0000E+00
1.	0.1473E-01	-0.1090E+03	0.6361E+00	-0.9589E+02	0.3285E+00	-0.8807E+02
2.	0.8305E+00	-0.2878E+02	0.1528E+00	-0.1014E+02	0.1031E+00	-0.6108E+01
3.	0.4881E+00	0.5099E+02	0.4108E-01	-0.1756E+03	0.2016E-01	0.1899E+03
4.	0.4998E+00	0.1187E+03	0.4405E-01	0.9015E+02	0.5702E-01	0.1033E+03
5.	0.2843E+00	0.1718E+03	0.5332E-01	0.7259E+02	0.2865E-01	0.1005E+03
6.	0.9171E-01	-0.8781E+02	0.3328E-01	0.7698E+02	0.4794E-02	0.7032E+02
7.	0.7034E-01	-0.7320E+01	0.2983E-01	-0.4608E+02	0.3052E-01	-0.5095E+02
8.	0.8070E-01	-0.1458E+03	0.2461E-01	-0.1691E+03	0.2423E-01	0.1793E+03
9.	0.1220E+00	-0.7903E+02	0.2186E-01	-0.8402E+02	0.1532E-01	-0.6860E+02
10.	0.9573E-01	0.3674E+02	0.1579E-01	0.1036E+03	0.2021E-01	0.1094E+03
11.	0.1130E+00	0.8994E+02	0.2259E-01	0.2612E+02	0.1638E-01	0.3343E+02
12.	0.6135E-01	-0.1576E+03	0.5544E-01	-0.6234E+02	0.5137E-01	-0.6747E+02
13.	0.4311E-01	-0.1527E+03	0.1891E-01	-0.5289E+02	0.1657E-01	-0.5208E+02
14.	0.4301E-01	-0.1675E+03	0.2264E-01	-0.1161E+03	0.1904E-01	-0.1138E+03
15.	0.6735E-01	-0.1505E+03	0.3939E-02	0.1700E+03	0.2534E-02	0.5205E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1198E+02	0.0000E+00	0.1236E+02	0.0000E+00	0.1213E+02	0.0000E+00
1.	0.1198E+00	-0.4072E+02	0.1146E+00	-0.2322E+02	0.1260E+00	-0.9437E+01
2.	0.5019E-01	-0.1057E+02	0.4437E-01	-0.5591E+01	0.4179E-01	-0.7948E+01
3.	0.1812E-01	0.1691E+03	0.1500E-01	0.1756E+03	0.1799E-01	-0.1714E+03
4.	0.2590E-01	0.1084E+03	0.2095E-01	0.1158E+03	0.1913E-01	0.1249E+03
5.	0.2032E-01	0.1013E+03	0.1407E-01	0.1064E+03	0.1548E-01	0.1104E+03
6.	0.1139E-01	0.4965E+02	0.7005E-02	0.5604E+02	0.7121E-02	0.5362E+02
7.	0.1791E-01	-0.4015E+02	0.1518E-01	-0.3650E+02	0.1599E-01	-0.3024E+02
8.	0.8637E-02	-0.1443E+03	0.9660E-02	-0.1458E+03	0.8793E-02	-0.1536E+03
9.	0.8274E-02	-0.1118E+03	0.5825E-02	-0.1109E+03	0.7878E-02	-0.9473E+02
10.	0.1124E-01	0.1357E+03	0.1040E-01	0.1472E+03	0.9083E-02	0.1390E+03
11.	0.5754E-02	0.5114E+02	0.7311E-02	0.6029E+02	0.4976E-02	0.7911E+02
12.	0.1449E-01	-0.7436E+02	0.1709E-01	-0.5061E+02	0.1874E-01	-0.6076E+02
13.	0.5928E-02	-0.5132E+02	0.6933E-02	-0.2447E+02	0.5748E-02	-0.2515E+02
14.	0.6483E-02	-0.7363E+02	0.7031E-02	-0.5094E+02	0.6187E-02	-0.5714E+02
15.	0.1248E-02	0.5075E+02	0.1861E-03	0.1094E+03	0.1506E-02	0.2528E+02

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.97		FRACTN RADIUS 0.97	
	FRACTN OF CHORD 0.70	PHASE	FRACTN OF CHORD 0.92	PHASE
0.	0.1237E+02	0.0000E+00	0.1244E+02	0.0000E+00
1.	0.1203E+00	0.1910E+02	0.1942E+00	0.6195E+02
2.	0.3947E-01	-0.1184E+00	0.3341E-01	0.2885E+02
3.	0.1259E-01	-0.1592E+03	0.9698E-02	-0.1069E+03
4.	0.1558E-01	0.1381E+03	0.1860E-01	0.1529E+03
5.	0.1293E-01	0.1232E+03	0.1031E-01	0.1607E+03
6.	0.5534E-02	0.6064E+02	0.3687E-02	-0.1033E+03
7.	0.1309E-01	-0.2901E+02	0.9771E-02	-0.2731E+02
8.	0.6693E-02	-0.1526E+03	0.6758E-02	-0.1732E+03
9.	0.6332E-02	-0.8887E+02	0.6182E-02	-0.7934E+02
10.	0.7472E-02	0.1479E+03	0.6471E-02	0.1679E+03
11.	0.3690E-02	0.7557E+02	0.1624E-02	0.9757E+02
12.	0.1428E-01	-0.6104E+02	0.1539E-01	-0.7373E+02
13.	0.5129E-02	-0.1498E+02	0.2903E-02	-0.1858E+01
14.	0.4872E-02	-0.5049E+02	0.4668E-02	-0.5014E+02
15.	0.1251E-02	0.2877E+02	0.3517E-02	0.9759E+01

Table IV-12a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1209E+02	0.0000E+00	0.9937E+01	0.0000E+00	0.9743E+01	0.0000E+00
1.	0.1927E+01	0.1158E+03	0.9522E+00	0.1669E+03	0.1549E+01	-0.1206E+03
2.	0.3916E+00	0.3294E+02	0.2056E+00	0.2392E+02	0.6309E+00	-0.3472E+02
3.	0.1569E+00	0.1018E+03	0.1851E+00	0.1235E+03	0.1920E+00	0.4660E+02
4.	0.2863E+00	0.1348E+03	0.2565E+00	0.1272E+03	0.1799E+00	0.9743E+02
5.	0.2130E+00	0.1385E+03	0.1664E+00	0.1248E+03	0.1218E+00	0.9698E+02
6.	0.1196E+00	0.5917E+02	0.1027E+00	0.4140E+02	0.5084E-01	0.4028E+02
7.	0.2165E+00	-0.4114E+01	0.1759E+00	-0.9059E+01	0.1124E+00	-0.1307E+02
8.	0.1295E+00	-0.3612E+02	0.9868E-01	-0.3462E+02	0.6082E-01	0.2944E+02
9.	0.9349E-01	-0.1224E+03	0.6874E-01	-0.1163E+03	0.6673E-01	-0.1727E+03
10.	0.1250E+00	0.1684E+03	0.7747E-01	0.1706E+03	0.8370E-01	-0.1568E+03
11.	0.6206E-01	0.1234E+03	0.2608E-01	0.1261E+03	0.2447E-01	-0.7389E+02
12.	0.6123E-01	-0.9335E+01	0.5806E-01	-0.4203E+02	0.5813E-01	0.5076E+02
13.	0.6949E-01	-0.2795E+02	0.4464E-01	-0.4827E+02	0.2711E-01	-0.6749E+02
14.	0.5332E-01	-0.9944E+02	0.4322E-01	-0.1276E+03	0.2851E-01	-0.1110E+03
15.	0.5258E-01	-0.1646E+03	0.3892E-01	-0.1774E+03	0.3889E-02	0.1664E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1060E+02	0.0000E+00	0.1136E+02	0.0000E+00	0.1136E+02	0.0000E+00
1.	0.7114E+00	-0.1121E+03	0.6499E+00	-0.1024E+03	0.5631E+00	-0.9651E+02
2.	0.2602E+00	-0.2614E+02	0.2056E+00	-0.2398E+02	0.1596E+00	-0.2326E+02
3.	0.8203E-01	0.9162E+02	0.4760E-01	0.1091E+03	0.3188E-01	0.1213E+03
4.	0.1207E+00	0.1247E+03	0.8187E-01	0.1172E+03	0.6278E-01	0.1130E+03
5.	0.4499E-01	0.1467E+03	0.3678E-01	0.1154E+03	0.3651E-01	0.1169E+03
6.	0.4724E-01	-0.1031E+02	0.3357E-01	0.3910E+01	0.2281E-01	0.1094E+02
7.	0.6760E-01	-0.7995E+01	0.5181E-01	-0.1147E+02	0.3988E-01	-0.1498E+02
8.	0.1452E-01	-0.1583E+02	0.1626E-01	-0.1884E+02	0.2156E-01	-0.1767E+02
9.	0.3612E-01	-0.1080E+03	0.3520E-01	-0.1027E+03	0.2749E-01	-0.9737E+02
10.	0.1880E-01	0.1793E+03	0.1608E-01	-0.1784E+03	0.1526E-01	-0.1763E+03
11.	0.1450E-01	0.1035E+03	0.1433E-01	0.9807E+02	0.1250E-01	0.1074E+03
12.	0.3037E-01	-0.8892E+02	0.2203E-01	-0.9060E+02	0.1850E-01	-0.1030E+03
13.	0.1038E-01	-0.1030E+03	0.1082E-01	-0.1241E+03	0.7898E-02	-0.1234E+03
14.	0.1653E-01	-0.1148E+03	0.2005E-01	-0.1029E+03	0.1470E-01	-0.1033E+03
15.	0.7473E-02	-0.4813E+02	0.1188E-01	-0.3094E+02	0.1129E-01	-0.2875E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1181E+02	0.0000E+00	0.1226E+02	0.0000E+00	0.1221E+02	0.0000E+00
1.	0.3390E+00	-0.6433E+02	0.2282E+00	-0.4575E+02	0.1886E+00	-0.4573E+01
2.	0.9225E-01	-0.5227E+01	0.8618E-01	0.3436E+01	0.7430E-01	-0.1172E+02
3.	0.3879E-01	0.1426E+03	0.3444E-01	0.1388E+03	0.4222E-01	0.1855E+03
4.	0.5823E-01	0.1231E+03	0.6302E-01	0.1217E+03	0.3974E-01	0.1099E+03
5.	0.2710E-01	0.1187E+03	0.2708E-01	0.1444E+03	0.1711E-01	0.1274E+03
6.	0.1702E-01	-0.1190E+02	0.2082E-01	-0.3414E+02	0.2060E-01	0.8394E+02
7.	0.3396E-01	-0.1233E+02	0.3416E-01	-0.1419E+02	0.2218E-01	-0.1306E+02
8.	0.6779E-02	-0.4021E+02	0.9843E-02	-0.2499E+02	0.9480E-02	-0.1056E+03
9.	0.2640E-01	-0.7875E+02	0.2344E-01	-0.8417E+02	0.1388E-01	-0.9647E+02
10.	0.1963E-01	0.1762E+03	0.2241E-01	0.1657E+03	0.1029E-01	0.1714E+03
11.	0.8989E-02	0.1065E+03	0.5884E-02	0.8757E+02	0.6207E-02	0.7637E+02
12.	0.2578E-01	-0.5640E+02	0.2600E-01	-0.5849E+02	0.1054E-01	-0.6904E+02
13.	0.4754E-02	0.3381E+02	0.5164E-02	0.2348E+02	0.7709E-02	0.2658E+02
14.	0.2132E-01	-0.8047E+02	0.2357E-01	-0.8453E+02	0.7508E-02	-0.4826E+02
15.	0.1611E-01	-0.5214E+02	0.1898E-01	-0.5129E+02	0.6483E-02	-0.4237E+02

Table IV-12a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.80		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1215E+02	0.0000E+00	0.1226E+02	0.0000E+00	0.1200E+02	0.0000E+00
1.	0.2366E+00	0.1768E+02	0.3270E+00	0.3977E+02	0.8826E+00	0.4017E+02
2.	0.9582E-01	-0.1674E+02	0.1698E+00	-0.3101E+02	0.3254E+00	-0.9174E+02
3.	0.6178E-01	-0.1776E+03	0.1144E+00	-0.1760E+03	0.1102E+00	0.1225E+03
4.	0.4710E-01	0.1059E+03	0.6408E-01	0.8102E+02	0.1942E-01	0.1559E+03
5.	0.1312E-01	0.1346E+03	0.2196E-01	-0.1052E+03	0.2336E-01	0.1605E+03
6.	0.1813E-01	0.1144E+03	0.2939E-01	0.1427E+03	0.1900E-01	0.8233E+02
7.	0.2631E-01	0.7625E+01	0.3227E-01	0.3420E+02	0.2566E-01	-0.2952E+02
8.	0.1004E-01	-0.8057E+02	0.1657E-01	-0.5695E+02	0.1251E-01	0.1308E+03
9.	0.2020E-01	-0.9598E+02	0.2074E-01	-0.9834E+02	0.2396E-01	-0.4383E+02
10.	0.1110E-01	0.1757E+03	0.1106E-01	0.1647E+03	0.1473E-01	-0.1336E+03
11.	0.4346E-02	0.9974E+02	0.3750E-02	0.9688E+02	0.6555E-02	-0.1749E+03
12.	0.1272E-01	-0.6112E+02	0.6877E-02	-0.6211E+02	0.2644E-02	0.1611E+03
13.	0.9776E-02	0.2563E+02	0.1113E-01	0.1774E+02	0.1816E-01	0.1194E+02
14.	0.1021E-01	-0.5048E+02	0.1361E-01	-0.2767E+02	0.1392E-01	-0.3070E+02
15.	0.7887E-02	-0.4287E+02	0.5684E-02	-0.5521E+02	0.8039E-02	-0.8946E+02

Table IV-12b. Harmonic pressure data for 98 KTAS, 600 FPM R/S, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1306E+02	0.0000E+00	0.1295E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.8459E+00	0.8627E+02	0.2834E+00	0.1036E+03	0.6823E-01	0.1706E+03
2.	0.1017E+00	-0.1041E+03	0.1484E+00	-0.5223E+02	0.1240E+00	-0.3951E+02
3.	0.3707E-01	-0.1596E+03	0.1134E-01	0.1991E+02	0.1788E-01	0.2657E+02
4.	0.5872E-02	-0.1562E+03	0.1826E-01	-0.5239E+02	0.1518E-01	-0.4324E+02
5.	0.1988E-01	0.4105E+02	0.1413E-01	0.3020E+02	0.7011E-02	0.4577E+01
6.	0.1516E-01	-0.1642E+03	0.2760E-01	0.1456E+03	0.2172E-01	0.1331E+03
7.	0.2241E-01	-0.1067E+03	0.3221E-01	-0.1632E+03	0.2823E-01	-0.1738E+03
8.	0.1759E-01	-0.5000E+02	0.1361E-01	-0.1102E+03	0.1312E-01	-0.1428E+03
9.	0.1271E-01	-0.7801E+02	0.9845E-02	0.1578E+03	0.1035E-01	0.1433E+03
10.	0.1881E-01	-0.1002E+03	0.1574E-01	-0.1794E+03	0.1391E-01	0.1531E+03
11.	0.2266E-02	-0.1128E+03	0.8153E-02	0.1108E+03	0.9727E-02	0.1097E+03
12.	0.1228E-01	-0.1566E+03	0.1928E-01	0.1556E+03	0.1153E-01	0.1515E+03
13.	0.8132E-02	-0.8079E+02	0.9815E-02	-0.1358E+03	0.7754E-02	-0.1579E+03
14.	0.5347E-02	-0.1628E+02	0.2430E-02	-0.1151E+02	0.1492E-02	-0.1254E+03
15.	0.5706E-02	0.9565E+02	0.5198E-02	0.9144E+02	0.2397E-02	0.1026E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1244E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1261E+02	0.0000E+00
1.	0.1400E+00	-0.1188E+03	0.5544E-01	-0.1478E+03	0.3982E-01	0.1414E+03
2.	0.9836E-01	-0.3415E+02	0.5858E-01	-0.3532E+02	0.3010E-01	-0.3579E+02
3.	0.1877E-01	0.2456E+02	0.3363E-02	-0.2377E+02	0.8564E-03	-0.8143E+02
4.	0.1108E-01	-0.2451E+01	0.8686E-02	-0.1205E+02	0.6967E-02	-0.2827E+01
5.	0.5014E-02	0.1584E+02	0.2991E-02	-0.2331E+02	0.2680E-02	-0.4881E+02
6.	0.1303E-01	0.1038E+03	0.6539E-02	0.8859E+02	0.2370E-02	0.4153E+02
7.	0.1543E-01	0.1675E+03	0.9031E-02	-0.1742E+03	0.3507E-02	-0.1420E+03
8.	0.8090E-02	-0.1725E+03	0.2156E-02	-0.1530E+03	0.2030E-03	0.7661E+02
9.	0.5040E-02	0.1439E+03	0.2903E-02	0.1092E+03	0.3721E-02	0.1061E+03
10.	0.7807E-02	0.1173E+03	0.5498E-02	0.1077E+03	0.3981E-02	0.9304E+02
11.	0.5945E-02	0.9141E+02	0.2129E-02	0.9229E+02	0.1240E-02	-0.2017E+01
12.	0.6455E-02	0.1237E+03	0.1797E-02	0.1451E+02	0.1272E-02	0.2863E+02
13.	0.6251E-02	0.1721E+03	0.2937E-02	0.1621E+03	0.2612E-02	0.1461E+03
14.	0.3299E-02	-0.1342E+03	0.2186E-02	-0.1438E+03	0.1868E-02	-0.1249E+03
15.	0.6459E-03	-0.8155E+02	0.1564E-02	-0.1670E+03	0.1608E-02	0.1722E+03

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1399E+02	0.0000E+00	0.1272E+02	0.0000E+00	0.1265E+02	0.0000E+00
1.	0.9660E+00	0.8769E+02	0.3345E+00	-0.9915E+02	0.3263E+00	-0.9984E+02
2.	0.8038E-01	-0.5410E+02	0.1323E+00	-0.4636E+02	0.1076E+00	-0.4381E+02
3.	0.4712E-01	-0.7704E+02	0.1171E+00	-0.1081E+02	0.8425E-01	-0.9363E+01
4.	0.2710E-01	0.1355E+03	0.6402E-01	0.5753E+01	0.5147E-01	0.4686E+01
5.	0.1825E-01	-0.1501E+02	0.4352E-01	-0.7970E+02	0.3447E-01	-0.7834E+02
6.	0.3891E-01	-0.1894E+02	0.4914E-01	-0.5755E+02	0.3251E-01	-0.6064E+02
7.	0.5768E-02	-0.9277E+02	0.2091E-01	0.2305E+02	0.1726E-01	0.1853E+02
8.	0.1972E-01	-0.1599E+03	0.1204E-01	-0.3723E+02	0.7113E-02	-0.3545E+02
9.	0.3357E-02	0.3235E+02	0.3742E-01	-0.6198E+02	0.2693E-01	-0.6518E+02
10.	0.1894E-01	-0.1101E+02	0.3617E-01	-0.5716E+02	0.2486E-01	-0.6391E+02
11.	0.1499E-01	-0.2679E+02	0.1307E-01	-0.3516E+01	0.1163E-01	-0.1147E+02
12.	0.9118E-02	-0.1554E+03	0.4131E-02	0.1219E+03	0.3846E-02	0.7014E+02
13.	0.5499E-02	0.1548E+03	0.1218E-01	-0.6275E+02	0.6703E-02	-0.5402E+02
14.	0.4533E-02	-0.2347E+02	0.2023E-01	-0.8228E+02	0.1470E-01	-0.8202E+02
15.	0.9996E-02	-0.3148E+02	0.1313E-01	-0.7858E+02	0.1037E-01	-0.8442E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00	0.1246E+02	0.0000E+00	0.1254E+02	0.0000E+00
1.	0.3411E+00	-0.1000E+03	0.1494E+00	-0.1118E+03	0.1019E+00	-0.1201E+03
2.	0.9164E-01	-0.3834E+02	0.4949E-01	-0.3673E+02	0.3677E-01	-0.3443E+02
3.	0.6441E-01	-0.6143E+01	0.2939E-01	-0.7491E+00	0.2190E-01	-0.3266E+01
4.	0.4214E-01	0.8382E+01	0.2693E-01	0.9756E+01	0.2176E-01	0.8660E+01
5.	0.2155E-01	-0.7966E+02	0.1381E-01	-0.7158E+02	0.1097E-01	-0.7759E+02
6.	0.2367E-01	-0.6398E+02	0.1199E-01	-0.5773E+02	0.8723E-02	-0.6465E+02
7.	0.1115E-01	0.1755E+02	0.4060E-02	-0.1270E+02	0.3051E-02	-0.2500E+02
8.	0.7760E-02	-0.1536E+02	0.6259E-02	-0.1560E+02	0.5430E-02	-0.2239E+02
9.	0.1819E-01	-0.5994E+02	0.9085E-02	-0.4668E+02	0.7022E-02	-0.4302E+02
10.	0.1900E-01	-0.6354E+02	0.9886E-02	-0.6635E+02	0.7836E-02	-0.7220E+02
11.	0.8830E-02	-0.8692E+01	0.8005E-02	-0.1941E+01	0.5733E-02	-0.6087E+01
12.	0.5147E-02	0.7565E+02	0.2217E-02	0.9762E+02	0.1139E-02	0.1185E+03
13.	0.4242E-02	-0.4606E+02	0.1829E-02	-0.1986E+01	0.1920E-02	0.2360E+01
14.	0.8216E-02	-0.8323E+02	0.4164E-02	-0.8382E+02	0.3279E-02	-0.8264E+02
15.	0.6352E-02	-0.9053E+02	0.2140E-02	-0.8970E+02	0.2470E-02	-0.9929E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1248E+02	0.0000E+00	0.1260E+02	0.0000E+00
1.	0.6770E-01	-0.1372E+03	0.8361E-01	0.1177E+03
2.	0.2181E-01	-0.4451E+02	0.7620E-02	-0.5257E+02
3.	0.1465E-01	-0.7891E+01	0.1372E-02	0.6311E+02
4.	0.1512E-01	0.1210E+02	0.9325E-02	0.1024E+02
5.	0.6520E-02	-0.6955E+02	0.3875E-02	-0.5046E+02
6.	0.5497E-02	-0.6998E+02	0.1827E-02	0.1434E+02
7.	0.1123E-02	-0.3676E+02	0.4004E-02	-0.9203E+02
8.	0.3409E-02	-0.1207E+02	0.3586E-02	-0.4721E+02
9.	0.4164E-02	-0.2727E+02	0.1954E-02	-0.2643E+01
10.	0.4495E-02	-0.7245E+02	0.1265E-02	-0.1283E+03
11.	0.4222E-02	-0.5825E+00	0.6427E-02	-0.1515E+01
12.	0.1558E-02	0.8854E+02	0.1903E-02	-0.9140E+02
13.	0.1039E-02	-0.8727E+00	0.7055E-03	0.1004E+03
14.	0.1321E-02	-0.8964E+02	0.2665E-02	-0.1396E+03
15.	0.7140E-03	-0.1237E+03	0.1300E-02	0.1080E+03



Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1426E+02	0.0000E+00	0.1333E+02	0.0000E+00	0.1241E+02	0.0000E+00
1.	0.4728E+00	0.6918E+02	0.3198E+00	-0.6879E+02	0.6161E+00	-0.8707E+02
2.	0.3299E-01	-0.5409E+02	0.5648E-01	-0.1165E+03	0.8322E-01	-0.7095E+02
3.	0.1867E+00	-0.7436E+02	0.1747E+00	-0.5917E+02	0.1256E+00	-0.4700E+02
4.	0.3394E-01	-0.1288E+01	0.9860E-01	-0.2377E+02	0.1164E+00	-0.2336E+02
5.	0.3411E-01	0.1385E+03	0.2665E-01	-0.1333E+03	0.3279E-01	-0.1074E+03
6.	0.4590E-01	-0.1179E+03	0.8114E-01	-0.1313E+03	0.7023E-01	-0.1273E+03
7.	0.3535E-01	-0.6261E+02	0.2646E-01	-0.1032E+03	0.3894E-01	-0.1284E+03
8.	0.6144E-02	0.4188E+02	0.1708E-01	-0.7329E+01	0.2431E-01	-0.5948E+02
9.	0.3708E-01	0.1103E+03	0.5551E-02	0.1180E+03	0.1026E-01	-0.4192E+02
10.	0.1897E-01	0.1497E+03	0.3964E-01	-0.1593E+03	0.3474E-01	-0.1560E+03
11.	0.1774E-01	-0.8616E+02	0.3378E-01	-0.1488E+03	0.3777E-01	-0.1156E+03
12.	0.1282E-01	-0.5272E+02	0.5552E-02	0.1494E+03	0.2195E-01	0.1690E+03
13.	0.1924E-01	0.5460E+02	0.2379E-01	0.4308E+02	0.1638E-01	0.5468E+02
14.	0.2201E-01	0.8946E+02	0.1157E-01	0.1148E+03	0.1267E-01	0.1344E+03
15.	0.1198E-01	0.4985E+02	0.1681E-01	0.1494E+03	0.2123E-01	0.1596E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1212E+02	0.0000E+00	0.1260E+02	0.0000E+00	0.1267E+02	0.0000E+00
1.	0.7162E-00	-0.9254E+02	0.3589E+00	-0.9502E+02	0.2904E+00	-0.9709E+02
2.	0.7598E-01	-0.6817E+02	0.3436E-01	-0.6115E+02	0.2671E-01	-0.6655E+02
3.	0.1136E+00	-0.4740E+02	0.4727E-01	-0.2878E+02	0.3894E-01	-0.2816E+02
4.	0.9999E-01	-0.2136E+02	0.4410E-01	-0.2589E+01	0.3752E-01	-0.3605E+01
5.	0.2035E-01	-0.8742E+02	0.1365E-01	-0.8056E+02	0.1351E-01	-0.6549E+02
6.	0.5584E-01	-0.1336E+03	0.2457E-01	-0.1095E+03	0.2148E-01	-0.1084E+03
7.	0.2252E-01	-0.1276E+03	0.8096E-02	-0.1193E+03	0.7799E-02	-0.1234E+03
8.	0.1869E-01	-0.4803E+02	0.7270E-02	-0.6668E+01	0.5402E-02	-0.1378E+02
9.	0.1377E-01	-0.5896E+02	0.8780E-02	-0.1997E+02	0.7085E-02	-0.2019E+02
10.	0.3039E-01	-0.1459E+03	0.1321E-01	-0.8682E+02	0.1185E-01	-0.8839E+02
11.	0.2812E-01	-0.1524E+03	0.1271E-01	-0.1080E+03	0.1084E-01	-0.1109E+03
12.	0.9878E-02	0.1761E+03	0.5532E-02	-0.1490E+03	0.5534E-02	-0.1492E+03
13.	0.1166E-01	0.2925E+02	0.4727E-02	0.6764E+02	0.4519E-02	0.6620E+02
14.	0.6097E-02	0.1669E+03	0.8043E-03	-0.7159E+02	0.4385E-03	-0.3426E+02
15.	0.1790E-01	0.1706E+03	0.6827E-02	-0.1149E+03	0.5454E-02	-0.1181E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1274E+02	0.0000E+00	0.1290E+02	0.0000E+00	0.1469E+02	0.0000E+00
1.	0.1834E+00	-0.1047E+03	0.9823E-01	-0.1183E+03	0.2313E-02	-0.7733E+02
2.	0.1844E-01	-0.7322E+02	0.1133E-01	-0.8871E+02	0.1751E-03	-0.3080E+02
3.	0.2582E-01	-0.3025E+02	0.1548E-01	-0.3094E+02	0.6236E-03	-0.1891E+02
4.	0.3016E-01	-0.5630E+01	0.1950E-01	-0.9471E+01	0.2672E-03	-0.3148E+02
5.	0.1198E-01	-0.7134E+02	0.1053E-01	-0.7842E+02	0.1785E-03	0.5306E+02
6.	0.1705E-01	-0.1148E+03	0.1143E-01	-0.1182E+03	0.1893E-03	0.1673E+02
7.	0.6920E-02	-0.1327E+03	0.3491E-02	-0.1372E+03	0.1811E-03	-0.1216E+03
8.	0.2887E-02	-0.2341E+02	0.2069E-02	-0.3091E+02	0.4304E-03	0.7991E+02
9.	0.5280E-02	-0.2050E+02	0.3305E-02	-0.2749E+02	0.1424E-03	-0.9883E+02
10.	0.8801E-02	-0.9568E+02	0.7671E-02	-0.1003E+03	0.4292E-03	-0.1556E+03
11.	0.8470E-02	-0.1126E+03	0.6511E-02	-0.1067E+03	0.2889E-03	0.1336E+03
12.	0.5790E-02	-0.1462E+03	0.4440E-02	-0.1425E+03	0.3377E-03	-0.8316E+02
13.	0.3789E-02	0.6555E+02	0.4205E-02	0.3639E+02	0.4004E-03	-0.4977E+02
14.	0.9825E-03	-0.1309E+03	0.1119E-02	0.3856E+02	0.3527E-03	0.1134E+02
15.	0.3545E-02	-0.1323E+03	0.8288E-03	-0.1363E+03	0.5299E-03	0.1653E+03

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1487E+02	0.0000E+00	0.1314E+02	0.0000E+00	0.1199E+02	0.0000E+00
1.	0.5233E+00	0.4038E+02	0.7005E+00	-0.6654E+02	0.1186E+01	-0.8245E+02
2.	0.1217E+00	0.1311E+03	0.1261E+00	0.1710E+03	0.4741E-01	-0.1469E+03
3.	0.2889E+00	-0.7777E+02	0.2237E+00	-0.7364E+02	0.1556E+00	-0.7210E+02
4.	0.1259E+00	-0.6888E+02	0.1656E+00	-0.4789E+02	0.1689E+00	-0.3904E+02
5.	0.5943E-02	0.1194E+03	0.4337E-01	-0.5103E+02	0.6209E-01	-0.3488E+02
6.	0.4388E-01	0.1765E+03	0.6701E-01	-0.1552E+03	0.5823E-01	-0.1520E+03
7.	0.1063E-01	-0.8400E+02	0.4458E-01	-0.1749E+03	0.6315E-01	-0.1776E+03
8.	0.5568E-01	-0.7667E+02	0.2986E-01	-0.8382E+02	0.2436E-01	-0.1025E+03
9.	0.1286E-01	-0.4836E+02	0.3106E-01	-0.2532E+02	0.3638E-01	-0.1875E+02
10.	0.4673E-01	0.1314E+03	0.1786E-01	0.1656E+03	0.9103E-02	-0.1052E+03
11.	0.3100E-01	0.1218E+03	0.3387E-01	0.1724E+03	0.2614E-01	-0.1679E+03
12.	0.1241E-01	-0.8789E+01	0.2173E-01	0.1493E+03	0.3444E-01	0.1643E+03
13.	0.3121E-01	-0.5154E+02	0.1546E-01	0.1372E+02	0.1478E-01	0.7200E+02
14.	0.4483E-02	-0.6476E+02	0.1663E-01	0.1630E+02	0.1689E-01	0.2203E+02
15.	0.2332E-01	0.1160E+03	0.6536E-02	0.9305E+02	0.4774E-02	-0.1302E+01

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1152E+02	0.0000E+00	0.1200E+02	0.0000E+00	0.1226E+02	0.0000E+00
1.	0.1135E+01	-0.8699E+02	0.6574E+00	-0.9290E+02	0.4056E+00	-0.9587E+02
2.	0.4350E-01	-0.8042E+02	0.4208E-01	-0.7559E+02	0.2515E-01	-0.1204E+03
3.	0.1046E+00	-0.6885E+02	0.5054E-01	-0.5347E+02	0.3573E-01	-0.5596E+02
4.	0.1421E+00	-0.3531E+02	0.6269E-01	-0.2809E+02	0.4190E-01	-0.3193E+02
5.	0.5881E-01	-0.3290E+02	0.3246E-01	-0.5005E+02	0.2476E-01	-0.6463E+02
6.	0.4102E-01	-0.1541E+03	0.2533E-01	-0.1264E+03	0.2249E-01	-0.1301E+03
7.	0.5972E-01	-0.1783E+03	0.2680E-01	-0.1775E+03	0.1809E-01	0.1767E+03
8.	0.2115E-01	-0.1269E+03	0.8478E-02	-0.1483E+03	0.3934E-02	0.1799E+03
9.	0.2892E-01	-0.2140E+02	0.1237E-01	-0.2018E+02	0.9232E-02	-0.2982E+02
10.	0.1145E-01	-0.8470E+02	0.1276E-01	-0.6469E+02	0.1071E-01	-0.8092E+02
11.	0.2247E-01	-0.1467E+03	0.1079E-01	-0.1367E+03	0.1086E-01	-0.1426E+03
12.	0.2938E-01	0.1653E+03	0.1730E-01	0.1799E+03	0.1321E-01	0.1683E+03
13.	0.1638E-01	0.7406E+02	0.1004E-01	0.9975E+02	0.8890E-02	0.6769E+02
14.	0.1269E-01	0.3880E+02	0.6947E-02	0.5927E+02	0.6390E-02	0.3525E+02
15.	0.8108E-02	-0.1905E+02	0.5009E-02	0.6723E+01	0.3105E-02	-0.2113E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1214E+02	0.0000E+00	0.1243E+02	0.0000E+00	0.1245E+02	0.0000E+00
1.	0.3315E+00	-0.9881E+02	0.2682E+00	-0.1003E+03	0.1507E+00	-0.1127E+03
2.	0.2244E-01	-0.1296E+03	0.1936E-01	-0.1401E+03	0.8769E-02	-0.1671E+03
3.	0.3150E-01	-0.5485E+02	0.2481E-01	-0.5258E+02	0.1151E-01	-0.4686E+02
4.	0.3633E-01	-0.3379E+02	0.2915E-01	-0.3343E+02	0.1774E-01	-0.4313E+02
5.	0.2411E-01	-0.6833E+02	0.2151E-01	-0.7444E+02	0.1754E-01	-0.9835E+02
6.	0.2202E-01	-0.1313E+03	0.1888E-01	-0.1323E+03	0.1535E-01	-0.1466E+03
7.	0.1521E-01	0.1705E+03	0.1368E-01	0.1729E+03	0.9264E-02	0.1626E+03
8.	0.2900E-02	0.1478E+03	0.3113E-02	0.1623E+03	0.7041E-03	0.1681E+03
9.	0.7757E-02	-0.1988E+02	0.6838E-02	-0.2469E+02	0.5656E-02	-0.3971E+02
10.	0.1033E-01	-0.8439E+02	0.8840E-02	-0.8814E+02	0.6159E-02	-0.1101E+03
11.	0.1019E-01	-0.1493E+03	0.9325E-02	-0.1510E+03	0.6317E-02	-0.1595E+03
12.	0.1288E-01	0.1648E+03	0.9894E-02	0.1666E+03	0.9155E-02	0.1393E+03
13.	0.7915E-02	0.8634E+02	0.7594E-02	0.8003E+02	0.6611E-02	0.6160E+02
14.	0.5977E-02	0.2585E+02	0.5303E-02	0.3625E+02	0.3394E-02	0.4574E+01
15.	0.3264E-02	-0.2329E+02	0.2921E-02	-0.3151E+02	0.2893E-02	-0.5696E+02

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1253E+02	0.0000E+00
1.	0.2028E-01	0.1529E+03
2.	0.1587E-01	0.1578E+03
3.	0.5352E-02	-0.4608E+02
4.	0.4913E-02	-0.3809E+02
5.	0.8184E-02	-0.1158E+03
6.	0.8801E-02	-0.1435E+03
7.	0.2917E-02	0.1589E+03
8.	0.1895E-02	0.5203E+02
9.	0.1908E-02	0.1400E+01
10.	0.2646E-02	-0.1254E+03
11.	0.3310E-02	0.1759E+03
12.	0.3813E-02	0.1380E+03
13.	0.2734E-02	0.6771E+02
14.	0.2108E-02	-0.9105E+01
15.	0.1429E-02	-0.9739E+02

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1432E+02	0.0000E+00	0.1277E+02	0.0000E+00	0.1141E+02	0.0000E+00
1.	0.4443E+00	0.1347E+02	0.1027E+01	-0.6504E+02	0.1520E+01	-0.7879E+02
2.	0.1762E+00	0.1587E+03	0.1753E+00	-0.1760E+03	0.5386E-01	-0.1247E+03
3.	0.2744E+00	-0.6540E+02	0.2537E+00	-0.6449E+02	0.1844E+00	-0.6367E+02
4.	0.1672E+00	-0.4852E+02	0.2118E+00	-0.3682E+02	0.2027E+00	-0.2781E+02
5.	0.4357E-01	-0.3465E+02	0.9285E-01	-0.3139E+02	0.9684E-01	-0.1312E+02
6.	0.4889E-01	-0.1484E+03	0.7085E-01	-0.1194E+03	0.5340E-01	-0.1167E+03
7.	0.3305E-01	-0.1475E+03	0.7846E-01	-0.1517E+03	0.8898E-01	-0.1533E+03
8.	0.3690E-01	-0.6582E+02	0.3645E-01	-0.1030E+03	0.4220E-01	-0.1158E+03
9.	0.2336E-01	-0.4378E+01	0.3297E-01	0.7874E+01	0.3155E-01	0.3432E+01
10.	0.2154E-01	0.1704E+03	0.3798E-02	-0.4256E+02	0.1901E-01	-0.1317E+02
11.	0.3672E-01	0.1743E+03	0.3547E-01	-0.1518E+03	0.2368E-01	-0.1257E+03
12.	0.1985E-01	-0.1792E+03	0.4626E-01	-0.1801E+03	0.4910E-01	-0.1533E+03
13.	0.1653E-01	0.1861E+02	0.1526E-01	0.1456E+03	0.2568E-01	0.1696E+03
14.	0.1694E-01	0.4418E+02	0.2528E-01	0.7505E+02	0.2271E-01	0.9383E+02
15.	0.1368E-01	0.1303E+03	0.1917E-01	0.7921E+02	0.1902E-01	0.7618E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1149E+02	0.0000E+00	0.1175E+02	0.0000E+00	0.1191E+02	0.0000E+00
1.	0.1220E+01	-0.8205E+02	0.1173E+01	-0.8885E+02	0.6737E+00	-0.9405E+02
2.	0.4904E-01	-0.7603E+02	0.7857E-01	-0.5512E+02	0.3421E-01	-0.8765E+02
3.	0.1129E+00	-0.6052E+02	0.8235E-01	-0.6307E+02	0.4310E-01	-0.5687E+02
4.	0.1378E+00	-0.2705E+02	0.1122E+00	-0.3796E+02	0.4988E-01	-0.4002E+02
5.	0.7629E-01	-0.1800E+02	0.6835E-01	-0.3682E+02	0.3922E-01	-0.5815E+02
6.	0.3398E-01	-0.1139E+03	0.2484E-01	-0.1222E+03	0.2291E-01	-0.1140E+03
7.	0.6468E-01	-0.1557E+03	0.5580E-01	0.1788E+03	0.2837E-01	0.1726E+03
8.	0.3043E-01	-0.1331E+03	0.2738E-01	-0.1556E+03	0.8075E-02	-0.1671E+03
9.	0.2071E-01	-0.6318E+01	0.1800E-01	-0.3863E+02	0.1130E-01	-0.4142E+02
10.	0.2138E-01	-0.1883E+02	0.2026E-01	-0.4984E+02	0.1549E-01	-0.6862E+02
11.	0.1462E-01	-0.1179E+03	0.1306E-01	-0.1290E+03	0.9509E-02	-0.1285E+03
12.	0.3425E-01	-0.1524E+03	0.2771E-01	0.1671E+03	0.1658E-01	0.1531E+03
13.	0.2174E-01	0.1654E+03	0.2021E-01	0.1182E+03	0.1287E-01	0.1033E+03
14.	0.1749E-01	0.1019E+03	0.1339E-01	0.6925E+02	0.8889E-02	0.5058E+02
15.	0.1318E-01	0.6002E+02	0.1206E-01	0.6893E+01	0.7371E-02	-0.2081E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1256E+02	0.0000E+00	0.1231E+02	0.0000E+00	0.1253E+02	0.0000E+00
1.	0.5405E+00	-0.9542E+02	0.3836E+00	-0.9728E+02	0.3172E+00	-0.9985E+02
2.	0.2904E-01	-0.1149E+03	0.2206E-01	-0.1420E+03	0.2411E-01	-0.1579E+03
3.	0.3700E-01	-0.5963E+02	0.2582E-01	-0.5872E+02	0.2445E-01	-0.5836E+02
4.	0.4220E-01	-0.4189E+02	0.3088E-01	-0.4564E+02	0.2515E-01	-0.4642E+02
5.	0.3471E-01	-0.6273E+02	0.3043E-01	-0.7294E+02	0.2609E-01	-0.7738E+02
6.	0.2361E-01	-0.1175E+03	0.2115E-01	-0.1181E+03	0.2155E-01	-0.1229E+03
7.	0.2317E-01	0.1720E+03	0.2050E-01	0.1742E+03	0.1716E-01	0.1682E+03
8.	0.6485E-02	0.1720E+03	0.3961E-02	-0.1649E+03	0.2681E-02	0.1554E+03
9.	0.9291E-02	-0.3429E+02	0.9141E-02	-0.3348E+02	0.7632E-02	-0.2987E+02
10.	0.1269E-01	-0.7298E+02	0.1093E-01	-0.7947E+02	0.9728E-02	-0.8411E+02
11.	0.9584E-02	-0.1350E+03	0.8688E-02	-0.1297E+03	0.8428E-02	-0.1502E+03
12.	0.1478E-01	0.1605E+03	0.1338E-01	0.1532E+03	0.1192E-01	0.1514E+03
13.	0.1128E-01	0.1012E+03	0.1020E-01	0.9710E+02	0.9563E-02	0.9091E+02
14.	0.7859E-02	0.4311E+02	0.6900E-02	0.3824E+02	0.7167E-02	0.2958E+02
15.	0.6786E-02	-0.2088E+02	0.6921E-02	-0.2859E+02	0.6011E-02	-0.3818E+02

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1224E+02	0.0000E+00	0.1261E+02	0.0000E+00	0.1249E+02	0.0000E+00
1.	0.2712E+00	-0.1039E+03	0.1978E+00	-0.1052E+03	0.1040E+00	-0.1211E+03
2.	0.2233E-01	-0.1593E+03	0.2199E-01	-0.1737E+03	0.1943E-01	0.1642E+03
3.	0.2030E-01	-0.5565E+02	0.1804E-01	-0.6604E+02	0.8636E-02	-0.5515E+02
4.	0.2201E-01	-0.3691E+02	0.1954E-01	-0.4837E+02	0.1174E-01	-0.4901E+02
5.	0.2194E-01	-0.7601E+02	0.1917E-01	-0.8324E+02	0.1629E-01	-0.9854E+02
6.	0.1971E-01	-0.1277E+03	0.1867E-01	-0.1361E+03	0.1527E-01	-0.1442E+03
7.	0.1289E-01	0.1733E+03	0.1213E-01	0.1653E+03	0.9889E-02	0.1651E+03
8.	0.4132E-02	0.1397E+03	0.3593E-02	0.1122E+03	0.2011E-02	0.9165E+02
9.	0.5844E-02	-0.1965E+02	0.4846E-02	-0.1579E+02	0.4628E-02	-0.1833E+02
10.	0.7819E-02	-0.8204E+02	0.6390E-02	-0.9147E+02	0.5860E-02	-0.1075E+03
11.	0.8273E-02	-0.1534E+03	0.6843E-02	-0.1643E+03	0.5611E-02	-0.1522E+03
12.	0.1101E-01	0.1564E+03	0.9748E-02	0.1565E+03	0.8937E-02	0.1418E+03
13.	0.7916E-02	0.8714E+02	0.7679E-02	0.7655E+02	0.6983E-02	0.6676E+02
14.	0.5968E-02	0.3029E+02	0.4865E-02	0.4699E+01	0.4311E-02	0.8065E+01
15.	0.4996E-02	-0.2387E+02	0.4967E-02	-0.4443E+02	0.4839E-02	-0.5169E+02

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1393E+02	0.0000E+00	0.1171E+02	0.0000E+00	0.1143E+02	0.0000E+00
1.	0.5829E+00	-0.1601E+02	0.1454E+01	-0.6949E+02	0.1091E+01	-0.8972E+02
2.	0.3048E+00	0.1732E+03	0.2645E+00	-0.1733E+03	0.7282E-01	-0.6483E+02
3.	0.3153E+00	-0.7025E+02	0.3048E+00	-0.7423E+02	0.6007E-01	-0.5494E+02
4.	0.2227E+00	-0.5608E+02	0.2521E+00	-0.3788E+02	0.7507E-01	-0.2565E+02
5.	0.9786E-01	-0.4261E+02	0.1244E+00	-0.2431E+02	0.5698E-01	-0.2234E+02
6.	0.6929E-01	-0.1358E+03	0.6622E-01	-0.1162E+03	0.2068E-01	-0.6541E+02
7.	0.7876E-01	-0.1715E+03	0.1072E+00	-0.1677E+03	0.3652E-01	-0.1655E+03
8.	0.2277E-01	-0.1297E+03	0.4300E-01	-0.1591E+03	0.2139E-01	-0.1625E+03
9.	0.2768E-01	0.9407E+01	0.3824E-01	0.1869E+02	0.5598E-02	0.1681E+02
10.	0.1101E-01	0.5817E+02	0.3755E-01	0.1719E+02	0.1977E-01	-0.8959E+01
11.	0.3893E-01	0.1642E+03	0.2146E-01	-0.1683E+03	0.1336E-01	-0.4057E+02
12.	0.3828E-01	0.1744E+03	0.4351E-01	-0.1632E+03	0.1314E-01	-0.1331E+03
13.	0.1486E-01	0.1119E+03	0.2730E-01	0.1548E+03	0.1692E-01	0.1659E+03
14.	0.3512E-01	0.3087E+02	0.3343E-01	0.5906E+02	0.1414E-01	0.1201E+03
15.	0.2684E-01	0.4011E+02	0.3896E-01	0.4458E+02	0.1498E-01	0.6633E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1197E+02	0.0000E+00	0.1215E+02	0.0000E+00	0.1252E+02	0.0000E+00
1.	0.4651E+00	-0.9328E+02	0.3137E+00	-0.9831E+02	0.8639E-01	-0.1071E+03
2.	0.1039E-01	-0.1073E+03	0.1925E-01	0.1671E+03	0.2087E-01	0.1027E+03
3.	0.1800E-01	-0.4843E+02	0.1761E-01	-0.4023E+02	0.1082E-01	0.1986E+02
4.	0.2818E-01	-0.2200E+02	0.1558E-01	-0.1879E+02	0.2558E-02	-0.1891E+02
5.	0.2653E-01	-0.4839E+02	0.1763E-01	-0.8662E+02	0.1471E-01	-0.1014E+03
6.	0.1668E-01	-0.8646E+02	0.1487E-01	-0.1038E+03	0.1183E-01	-0.1222E+03
7.	0.1746E-01	-0.1548E+03	0.1140E-01	-0.1631E+03	0.7060E-02	-0.1659E+03
8.	0.6885E-02	-0.1534E+03	0.3935E-02	0.1417E+03	0.1253E-02	0.4356E+02
9.	0.7363E-02	0.5045E+02	0.5456E-02	0.3122E+02	0.5792E-02	0.1456E+02
10.	0.8556E-02	-0.8548E+01	0.7561E-02	-0.2471E+02	0.3934E-02	-0.5671E+02
11.	0.6698E-02	-0.3407E+02	0.4624E-02	-0.9282E+02	0.3635E-02	-0.1003E+03
12.	0.1161E-01	-0.1275E+03	0.9341E-02	-0.1607E+03	0.7766E-02	-0.1775E+03
13.	0.8542E-02	0.1404E+03	0.7642E-02	0.1287E+03	0.5233E-02	0.1108E+03
14.	0.7316E-02	0.1220E+03	0.5653E-02	0.1033E+03	0.3124E-02	0.6089E+02
15.	0.9072E-02	0.6750E+02	0.6539E-02	0.2582E+02	0.4959E-02	-0.2753E+01

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1279E+02	0.0000E+00
1.	0.1410E+00	0.8937E+02
2.	0.2283E-01	0.1402E+03
3.	0.9886E-02	0.6694E+01
4.	0.1772E-02	0.1187E+02
5.	0.1132E-01	-0.1338E+03
6.	0.9991E-02	-0.1247E+03
7.	0.1701E-02	-0.1425E+03
8.	0.3958E-02	0.4020E+02
9.	0.3616E-02	0.3193E+02
10.	0.3803E-02	-0.8987E+02
11.	0.3012E-02	-0.9946E+02
12.	0.5194E-02	0.1675E+03
13.	0.3785E-02	0.8958E+02
14.	0.3990E-02	0.7352E+02
15.	0.2528E-02	0.9285E+00

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1418E+02	0.0000E+00	0.1222E+02	0.0000E+00	0.1091E+02	0.0000E+00
1.	0.4794E+00	-0.4427E+01	0.1280E+01	-0.7708E+02	0.1686E+01	-0.9022E+02
2.	0.3161E+00	0.1651E+03	0.2718E+00	0.1756E+03	0.1018E+00	-0.1049E+03
3.	0.2542E+00	-0.8807E+02	0.2490E+00	-0.9715E+02	0.1542E+00	-0.9208E+02
4.	0.1904E+00	-0.7835E+02	0.2085E+00	-0.7074E+02	0.1861E+00	-0.5958E+02
5.	0.9044E-01	-0.6972E+02	0.1208E+00	-0.8036E+02	0.1222E+00	-0.3847E+02
6.	0.6286E-01	-0.1663E+03	0.5433E-01	-0.1545E+03	0.1118E-01	0.1649E+03
7.	0.8041E-01	0.1485E+03	0.9800E-01	0.1416E+03	0.1008E+00	0.1398E+03
8.	0.2176E-01	0.1419E+03	0.3956E-01	0.1319E+03	0.5050E-01	0.1529E+03
9.	0.3142E-01	-0.1639E+02	0.3651E-01	-0.2850E+02	0.2608E-01	-0.6407E+02
10.	0.1936E-01	-0.1426E+02	0.3942E-01	-0.5016E+02	0.4699E-01	-0.6083E+02
11.	0.2698E-01	0.1030E+03	0.6171E-02	0.1092E+03	0.1381E-01	-0.7028E+02
12.	0.3484E-01	0.1123E+03	0.4111E-01	0.1136E+03	0.3308E-01	0.1187E+03
13.	0.1626E-01	0.5175E+02	0.2933E-01	0.7926E+02	0.3439E-01	0.8256E+02
14.	0.3442E-01	-0.4174E+02	0.2598E-01	-0.4304E+02	0.1293E-01	0.8724E+01
15.	0.3291E-01	-0.4597E+02	0.3765E-01	-0.6377E+02	0.2531E-01	-0.5606E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1100E+02	0.0000E+00	0.1094E+02	0.0000E+00	0.1189E+02	0.0000E+00
1.	0.1264E+01	-0.9424E+02	0.1343E+01	-0.9200E+02	0.9837E+00	-0.9339E+02
2.	0.8210E-01	-0.9881E+02	0.1013E+00	-0.5653E+02	0.6875E-01	-0.5477E+02
3.	0.9132E-01	-0.8682E+02	0.6586E-01	-0.5776E+02	0.3775E-01	-0.5961E+02
4.	0.1103E+00	-0.5813E+02	0.8587E-01	-0.3593E+02	0.5784E-01	-0.3188E+02
5.	0.7628E-01	-0.4891E+02	0.6981E-01	-0.2571E+02	0.4777E-01	-0.3396E+02
6.	0.1622E-01	-0.1172E+03	0.1578E-01	-0.5905E+02	0.1667E-01	-0.6121E+02
7.	0.5538E-01	0.1406E+03	0.4605E-01	0.1726E+03	0.2990E-01	-0.1784E+03
8.	0.2960E-01	0.1399E+03	0.2609E-01	0.1769E+03	0.1669E-01	0.1784E+03
9.	0.1025E-01	-0.4267E+02	0.9172E-02	-0.1794E+02	0.6190E-02	0.4204E+01
10.	0.2769E-01	-0.7504E+02	0.2953E-01	-0.3259E+02	0.1710E-01	-0.2916E+02
11.	0.1500E-01	-0.9629E+02	0.1372E-01	-0.4847E+02	0.1320E-01	-0.4949E+02
12.	0.2105E-01	0.1292E+03	0.1397E-01	-0.1621E+03	0.1267E-01	-0.1450E+03
13.	0.2464E-01	0.7882E+02	0.1973E-01	0.1379E+03	0.1493E-01	0.1376E+03
14.	0.1221E-01	0.2564E+02	0.1383E-01	0.9569E+02	0.1064E-01	0.1130E+03
15.	0.1563E-01	-0.4875E+02	0.1439E-01	0.3016E+02	0.1164E-01	0.3291E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1187E+02	0.0000E+00	0.1202E+02	0.0000E+00	0.1222E+02	0.0000E+00
1.	0.6011E+00	-0.9344E+02	0.4226E+00	-0.9428E+02	0.3367E+00	-0.9458E+02
2.	0.7518E-02	-0.6722E+02	0.1117E-01	0.1322E+03	0.2142E-01	0.1128E+03
3.	0.2681E-01	-0.5561E+02	0.2076E-01	-0.5284E+02	0.1541E-01	-0.4581E+02
4.	0.2581E-01	-0.3049E+02	0.1784E-01	-0.3051E+02	0.1353E-01	-0.3238E+02
5.	0.2483E-01	-0.4507E+02	0.1896E-01	-0.5804E+02	0.1742E-01	-0.6768E+02
6.	0.1551E-01	-0.8745E+02	0.1482E-01	-0.1007E+03	0.1368E-01	-0.1082E+03
7.	0.1645E-01	0.1787E+03	0.1289E-01	0.1740E+03	0.1162E-01	0.1769E+03
8.	0.5222E-02	0.1585E+03	0.4050E-02	0.1467E+03	0.2376E-02	0.1267E+03
9.	0.5815E-02	0.1694E+02	0.5896E-02	0.1827E+02	0.6203E-02	0.5446E+01
10.	0.1143E-01	-0.3824E+02	0.9106E-02	-0.4777E+02	0.7299E-02	-0.4712E+02
11.	0.6089E-02	-0.8949E+02	0.5597E-02	-0.1090E+03	0.6083E-02	-0.1061E+03
12.	0.9933E-02	-0.1601E+03	0.8258E-02	-0.1623E+03	0.8484E-02	-0.1607E+03
13.	0.8573E-02	0.1344E+03	0.7437E-02	0.1273E+03	0.7393E-02	0.1180E+03
14.	0.6431E-02	0.7508E+02	0.5724E-02	0.5067E+02	0.4127E-02	0.5674E+02
15.	0.6694E-02	0.2152E+02	0.8310E-02	0.8620E+01	0.6819E-02	0.3923E+01

Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1204E+02	0.0000E+00	0.1267E+02	0.0000E+00	0.1245E+02	0.0000E+00
1.	0.2498E+00	-0.9411E+02	0.7464E-13	-0.1641E+03	0.6891E-01	-0.1036E+03
2.	0.2755E-01	0.1089E+03	0.1220E-14	-0.9087E+02	0.3100E-01	0.8533E+02
3.	0.1602E-01	-0.3769E+02	0.2289E-13	0.1697E+03	0.1428E-01	-0.2015E+00
4.	0.7894E-02	-0.3288E+02	0.2928E-14	-0.1192E+03	0.3284E-02	0.1018E+03
5.	0.1323E-01	-0.7982E+02	0.5465E-14	-0.1137E+02	0.8891E-02	-0.1226E+03
6.	0.1436E-01	-0.1159E+03	0.9678E-15	-0.1589E+03	0.1023E-01	-0.1298E+03
7.	0.9909E-02	0.1689E+03	0.3168E-14	-0.1635E+03	0.5109E-02	0.1607E+03
8.	0.2980E-02	0.8180E+02	0.5850E-14	0.1756E+03	0.3936E-02	0.5159E+02
9.	0.5747E-02	0.2033E+01	0.8976E-15	-0.1125E+03	0.4918E-02	0.4761E+01
10.	0.7266E-02	-0.5770E+02	0.4035E-14	0.1796E+03	0.5550E-02	-0.5786E+02
11.	0.5204E-02	-0.1264E+03	0.1448E-15	-0.1321E+03	0.3737E-02	-0.1163E+03
12.	0.8126E-02	-0.1682E+03	0.6054E-15	-0.1453E+03	0.6182E-02	-0.1763E+03
13.	0.6054E-02	0.1176E+03	0.2144E-14	-0.1789E+03	0.5505E-02	0.1208E+03
14.	0.4550E-02	0.4320E+02	0.3120E-14	0.1765E+03	0.2943E-02	0.5552E+02
15.	0.5904E-02	-0.6240E+01	0.2716E-14	0.1728E+03	0.4625E-02	-0.4764E+01

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1241E+02	0.0000E+00
1.	0.1304E+00	0.8189E+02
2.	0.3051E-01	0.8113E+02
3.	0.9209E-02	0.2661E+02
4.	0.6127E-02	0.1464E+03
5.	0.1165E-01	-0.1486E+03
6.	0.9212E-02	-0.1538E+03
7.	0.2412E-02	0.1327E+03
8.	0.4300E-02	0.3977E+02
9.	0.3808E-02	0.1728E+02
10.	0.4248E-02	-0.9312E+02
11.	0.3185E-02	-0.1366E+03
12.	0.5393E-02	0.1674E+03
13.	0.3588E-02	0.1004E+03
14.	0.3545E-02	0.6337E+02
15.	0.3661E-02	-0.1517E+02



Table IV-12b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1384E+02	0.0000E+00	0.1172E+02	0.0000E+00	0.1099E+02	0.0000E+00
1.	0.2694E+00	-0.7478E+01	0.1209E+01	-0.8430E+02	0.9659E+00	-0.1002E+03
2.	0.3433E+00	-0.1786E+03	0.2622E+00	-0.1606E+03	0.7186E-01	-0.9453E+02
3.	0.2117E+00	-0.8502E+02	0.2110E+00	-0.8576E+02	0.5487E-01	-0.8642E+02
4.	0.1801E+00	-0.6299E+02	0.1852E+00	-0.4897E+02	0.6267E-01	-0.3351E+02
5.	0.1011E+00	-0.4747E+02	0.1227E+00	-0.2876E+02	0.4952E-01	-0.2400E+02
6.	0.6701E-01	-0.1336E+03	0.3964E-01	-0.1073E+03	0.1418E-01	-0.5298E+02
7.	0.8564E-01	0.1738E+03	0.8682E-01	-0.1796E+03	0.3241E-01	-0.1788E+03
8.	0.3310E-01	0.1479E+03	0.3884E-01	0.1635E+03	0.1721E-01	0.1782E+03
9.	0.3780E-01	0.2907E+02	0.3325E-01	0.2683E+02	0.5152E-02	0.1009E+02
10.	0.3499E-01	0.1003E+02	0.4768E-01	0.3525E+00	0.1908E-01	-0.2643E+02
11.	0.1285E-01	0.1434E+03	0.4495E-02	-0.3865E+02	0.1435E-01	-0.3400E+02
12.	0.3353E-01	0.1779E+03	0.3171E-01	-0.1624E+03	0.1508E-01	-0.1378E+03
13.	0.1742E-01	0.1382E+03	0.3025E-01	0.1573E+03	0.1726E-01	0.1429E+03
14.	0.2815E-01	0.1500E+02	0.1684E-01	0.5905E+02	0.1113E-01	0.1127E+03
15.	0.3837E-01	0.6929E+01	0.3538E-01	0.2634E+02	0.1261E-01	0.5305E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1078E+02	0.0000E+00	0.1061E+02	0.0000E+00	0.1184E+02	0.0000E+00
1.	0.9603E+00	-0.9923E+02	0.7419E+00	-0.9737E+02	0.4227E+00	-0.9533E+02
2.	0.7626E-01	-0.3992E+02	0.3404E-01	-0.2713E+02	0.5251E-01	0.5577E+02
3.	0.2832E-01	-0.3301E+02	0.2627E-01	-0.4021E+02	0.2144E-01	-0.3958E+02
4.	0.3900E-01	-0.2853E+02	0.2211E-01	-0.2333E+02	0.5543E-02	0.8642E+01
5.	0.3858E-01	-0.2006E+02	0.2311E-01	-0.2185E+02	0.5955E-02	-0.4912E+02
6.	0.1123E-01	-0.1828E+02	0.1145E-01	-0.4569E+02	0.2283E-02	-0.7182E+02
7.	0.2364E-01	-0.1787E+03	0.1300E-01	0.1759E+03	0.4558E-02	0.1307E+03
8.	0.1191E-01	-0.1744E+03	0.4562E-02	0.1705E+03	0.2428E-02	-0.5178E+02
9.	0.2868E-02	-0.4499E+02	0.3343E-02	-0.2528E+02	0.4541E-02	-0.6381E+02
10.	0.1722E-01	-0.3404E+02	0.1162E-01	-0.3976E+02	0.7217E-02	-0.9449E+02
11.	0.1366E-01	-0.2050E+02	0.8273E-02	-0.6588E+02	0.2263E-02	-0.1180E+03
12.	0.9309E-02	-0.1447E+03	0.7152E-02	-0.1279E+03	0.4738E-02	0.1589E+03
13.	0.1351E-01	0.1425E+03	0.8912E-02	0.1465E+03	0.4319E-02	0.6721E+02
14.	0.1031E-01	0.1287E+03	0.5164E-02	0.1121E+03	0.1544E-02	0.6941E+02
15.	0.8269E-02	0.6927E+02	0.4479E-02	0.5342E+02	0.2319E-02	-0.4006E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1203E+02	0.0000E+00	0.1196E+02	0.0000E+00	0.1195E+02	0.0000E+00
1.	0.2846E+00	-0.9002E+02	0.2352E+00	-0.8391E+02	0.1690E+00	-0.8090E+02
2.	0.6194E-01	0.6608E+02	0.7513E-01	0.6586E+02	0.7607E-01	0.6019E+02
3.	0.2189E-01	-0.4007E+02	0.2678E-01	-0.3711E+02	0.2730E-01	-0.3445E+02
4.	0.1591E-02	0.8787E+02	0.5389E-02	0.1301E+03	0.7465E-02	0.1294E+03
5.	0.2133E-02	-0.8289E+02	0.3166E-02	0.1759E+03	0.4981E-02	0.1444E+03
6.	0.2177E-02	-0.1000E+03	0.2705E-02	-0.1421E+03	0.2417E-02	0.1580E+03
7.	0.4377E-02	0.1059E+03	0.4800E-02	0.8004E+02	0.3626E-02	0.7055E+02
8.	0.3711E-02	-0.4461E+02	0.5137E-02	-0.2942E+02	0.6698E-02	-0.3569E+02
9.	0.4392E-02	-0.6024E+02	0.5979E-02	-0.6029E+02	0.4883E-02	-0.6003E+02
10.	0.5523E-02	-0.1042E+03	0.5034E-02	-0.1074E+03	0.5956E-02	-0.1215E+03
11.	0.3284E-02	-0.1645E+03	0.3701E-02	-0.1752E+03	0.1546E-02	-0.1358E+03
12.	0.3398E-02	0.1741E+03	0.3123E-02	0.1691E+03	0.3180E-02	0.1476E+03
13.	0.3589E-02	0.6672E+02	0.3010E-02	0.4502E+02	0.3048E-02	0.3051E+02
14.	0.1426E-02	-0.5990E+02	0.1607E-02	-0.6743E+02	0.1996E-02	-0.1080E+03
15.	0.2406E-02	-0.6831E+02	0.2719E-02	-0.8359E+02	0.2963E-02	-0.1178E+03

Table IV-12b. Concluded

HARMONIC	FRACTN RADIUS 0.99		FRACTN RADIUS 0.99		FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.55		FRACTN OF CHORD 0.60		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1227E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1252E+02	0.0000E+00
1.	0.1394E+00	-0.7520E+02	0.1188E+00	-0.6825E+02	0.7254E-01	-0.4736E+02
2.	0.8204E-01	0.5612E+02	0.8538E-01	0.5079E+02	0.8681E-01	0.4957E+02
3.	0.3288E-01	-0.3015E+02	0.3428E-01	-0.2680E+02	0.3634E-01	-0.1590E+02
4.	0.9426E-02	0.1195E+03	0.1128E-01	0.1199E+03	0.1413E-01	0.1217E+03
5.	0.7720E-02	0.1432E+03	0.9383E-02	0.1363E+03	0.1609E-01	0.1424E+03
6.	0.2996E-02	0.1429E+03	0.2637E-02	0.1496E+03	0.3653E-02	0.1545E+03
7.	0.4676E-02	0.5208E+02	0.4904E-02	0.4174E+02	0.8528E-02	0.5258E+02
8.	0.7539E-02	-0.3647E+02	0.9150E-02	-0.3160E+02	0.8462E-02	-0.8925E+01
9.	0.5721E-02	-0.5997E+02	0.5404E-02	-0.5637E+02	0.5877E-02	-0.6719E+02
10.	0.6209E-02	-0.1273E+03	0.5997E-02	-0.1220E+03	0.6636E-02	-0.1097E+03
11.	0.6953E-03	-0.1265E+03	0.5986E-03	0.1175E+02	0.2740E-02	0.1629E+03
12.	0.3287E-02	0.9173E+02	0.2360E-02	0.1108E+03	0.4193E-02	0.9526E+02
13.	0.3458E-02	0.2636E+02	0.3615E-02	0.2767E+02	0.3149E-02	0.4946E+02
14.	0.2279E-02	-0.9189E+02	0.2747E-02	-0.1215E+03	0.2860E-02	-0.7491E+02
15.	0.2543E-02	-0.1173E+03	0.3677E-02	-0.1121E+03	0.4807E-02	-0.9716E+02

HARMONIC	FRACTN RADIUS 0.99	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1260E+02	0.0000E+00
1.	0.1297E+00	0.5973E+02
2.	0.6103E-01	0.6029E+02
3.	0.3465E-01	-0.4331E+01
4.	0.3009E-01	0.1374E+03
5.	0.1467E-01	-0.1676E+03
6.	0.1245E-01	0.1398E+03
7.	0.2476E-02	0.2781E+02
8.	0.6782E-02	0.7806E+01
9.	0.2780E-02	-0.7941E+02
10.	0.6781E-02	-0.1192E+03
11.	0.2082E-02	-0.1281E+03
12.	0.5005E-02	0.1240E+03
13.	0.3972E-02	0.6859E+02
14.	0.2100E-02	-0.4326E+02
15.	0.3252E-02	-0.6720E+02

Table IV-13a. Harmonic pressure data for 99 KTAS, 800 FPM R/S, top surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1055E+02	0.0000E+00	0.1125E+02	0.0000E+00	0.1161E+02	0.0000E+00
1.	0.1023E+01	-0.3995E+02	0.8989E+00	-0.6491E+02	0.7066E+00	-0.7108E+02
2.	0.4025E+00	0.1319E+03	0.1679E+00	0.1173E+03	0.6320E-01	0.9453E+02
3.	0.1343E+00	0.1736E+03	0.8124E-01	0.1544E+03	0.5114E-01	0.1627E+03
4.	0.2508E+00	0.1192E+03	0.1412E+00	0.1149E+03	0.8649E-01	0.1282E+03
5.	0.1164E+00	0.1044E+03	0.6145E-01	0.1030E+03	0.4103E-01	0.9828E+02
6.	0.1020E+00	-0.1577E+02	0.6122E-01	-0.1724E+02	0.3401E-01	0.3216E+01
7.	0.1558E+00	0.1075E+02	0.8196E-01	0.1146E+02	0.4432E-01	0.1665E+02
8.	0.9566E-01	0.4574E+02	0.3504E-01	0.5276E+02	0.1677E-01	0.4346E+02
9.	0.5674E-01	0.1843E+02	0.3574E-01	0.2822E+02	0.1228E-01	0.2890E+02
10.	0.3568E-01	0.7385E+01	0.2188E-01	0.2009E+02	0.7425E-02	0.1826E+02
11.	0.3530E-01	0.3844E+02	0.1869E-01	0.1759E+02	0.3804E-02	0.8764E+02
12.	0.5424E-01	0.2400E+02	0.2612E-01	0.1114E+02	0.1067E-01	0.2757E+02
13.	0.2785E-01	0.7312E+02	0.1165E-01	0.7940E+02	0.3936E-02	0.1187E+03
14.	0.1024E-01	0.7066E+02	0.7237E-02	0.6020E+02	0.2932E-02	0.9265E+02
15.	0.4487E-02	0.4453E+02	0.4106E-02	0.2025E+01	0.8790E-03	-0.1461E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1218E+02	0.0000E+00	0.1255E+02	0.0000E+00
1.	0.3878E+00	-0.7975E+02	0.1771E+00	-0.7916E+02
2.	0.4594E-01	0.4008E+02	0.1117E-01	0.6024E+02
3.	0.2427E-02	-0.1675E+03	0.1244E-01	0.1217E+03
4.	0.3073E-01	0.1565E+03	0.1418E-01	0.1425E+03
5.	0.1722E-01	0.1225E+03	0.1320E-01	0.1036E+03
6.	0.3144E-02	0.7976E+02	0.9586E-02	-0.5600E+02
7.	0.1386E-01	-0.1564E+01	0.1542E-01	-0.4144E+02
8.	0.3622E-02	-0.1358E+02	0.9489E-02	-0.1327E+03
9.	0.1836E-02	0.1759E+03	0.8342E-02	-0.1231E+03
10.	0.5939E-02	-0.1589E+03	0.7760E-02	0.1253E+03
11.	0.6730E-02	0.1084E+03	0.6152E-02	0.1302E+03
12.	0.4990E-02	-0.3748E+01	0.6031E-02	-0.7007E+02
13.	0.1103E-02	0.6816E+02	0.8816E-02	-0.5144E+02
14.	0.1049E-02	0.9065E+02	0.2297E-02	0.1451E+03
15.	0.2482E-03	-0.2650E+02	0.4865E-02	0.8740E+02

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9815E+01	0.0000E+00	0.1090E+02	0.0000E+00	0.1122E+02	0.0000E+00
1.	0.1232E+00	0.3036E+02	0.8578E+00	-0.8478E+02	0.7493E+00	-0.8563E+02
2.	0.2849E+00	0.9760E+02	0.1427E+00	0.1061E+02	0.1170E+00	0.9761E+01
3.	0.4192E+00	0.1689E+03	0.1486E+00	0.1645E+03	0.7886E-01	0.1619E+03
4.	0.2779E+00	-0.1748E+03	0.1225E+00	0.1595E+03	0.6306E-01	0.1571E+03
5.	0.2772E+00	0.1253E+03	0.7946E-01	0.1033E+03	0.4807E-01	0.1070E+03
6.	0.1544E+00	0.1212E+03	0.5013E-01	0.1202E+03	0.2496E-01	0.1189E+03
7.	0.1070E+00	-0.1521E+03	0.2842E-01	-0.8489E+02	0.1366E-01	-0.6894E+02
8.	0.1509E+00	0.1749E+03	0.5238E-01	0.1767E+03	0.2767E-01	0.1699E+03
9.	0.1828E+00	0.1406E+03	0.5730E-01	0.1270E+03	0.3041E-01	0.1318E+03
10.	0.1919E+00	0.1240E+03	0.5567E-01	0.1200E+03	0.3410E-01	0.1183E+03
11.	0.5988E-01	0.1590E+03	0.4033E-01	0.1123E+03	0.2889E-01	0.1078E+03
12.	0.7933E-01	-0.1192E+03	0.3206E-01	-0.9619E+02	0.1402E-01	-0.9802E+02
13.	0.5198E-01	0.1785E+03	0.9035E-02	-0.1687E+03	0.5076E-02	-0.1790E+03
14.	0.8391E-01	0.1269E+03	0.3655E-01	0.9514E+02	0.1402E-01	0.9632E+02
15.	0.5019E-01	0.1191E+03	0.2488E-01	0.1133E+03	0.1250E-01	0.1076E+03

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1169E+02	0.0000E+00	0.1198E+02	0.0000E+00	0.1216E+02	0.0000E+00
1.	0.5446E+00	-0.8682E+02	0.4018E+00	-0.8736E+02	0.2402E+00	-0.8713E+02
2.	0.7411E-01	-0.1890E+01	0.4445E-01	-0.5811E+01	0.1922E-01	-0.2157E+02
3.	0.4550E-01	0.1572E+03	0.2878E-01	0.1488E+03	0.1964E-01	0.1497E+03
4.	0.4627E-01	0.1534E+03	0.3107E-01	0.1499E+03	0.2600E-01	0.1425E+03
5.	0.3033E-01	0.1072E+03	0.1581E-01	0.1025E+03	0.1284E-01	0.9219E+02
6.	0.1363E-01	0.1209E+03	0.6398E-02	0.1297E+03	0.4809E-02	0.1477E+03
7.	0.1162E-01	-0.4399E+02	0.7770E-02	-0.2846E+02	0.7096E-02	-0.3755E+02
8.	0.1925E-01	0.1726E+03	0.1711E-01	0.1749E+03	0.1658E-01	0.1707E+03
9.	0.1434E-01	0.1292E+03	0.9826E-02	0.1258E+03	0.5410E-02	0.1171E+03
10.	0.2055E-01	0.1148E+03	0.1512E-01	0.1110E+03	0.1071E-01	0.9066E+02
11.	0.1954E-01	0.1034E+03	0.1597E-01	0.1073E+03	0.1618E-01	0.1013E+03
12.	0.1101E-01	-0.9455E+02	0.9431E-02	-0.8022E+02	0.1112E-01	-0.9380E+02
13.	0.4949E-02	-0.1630E+03	0.2604E-02	-0.1248E+03	0.3402E-03	0.1782E+03
14.	0.7414E-02	0.7499E+02	0.3838E-02	0.4784E+02	0.5534E-02	0.5473E+02
15.	0.1071E-01	0.8995E+02	0.7700E-02	0.8069E+02	0.5991E-02	0.6928E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1243E+02	0.0000E+00	0.1246E+02	0.0000E+00	0.1278E+02	0.0000E+00
1.	0.1824E+00	-0.8443E+02	0.8588E-01	-0.8421E+02	0.2005E-01	0.8837E+02
2.	0.1609E-01	-0.5396E+02	0.1046E-01	-0.1229E+03	0.1572E-01	-0.1499E+03
3.	0.1958E-01	0.1532E+03	0.1156E-01	0.1474E+03	0.7253E-02	0.1458E+03
4.	0.2854E-01	0.1376E+03	0.1707E-01	0.1395E+03	0.1109E-01	0.1341E+03
5.	0.1035E-01	0.8094E+02	0.5080E-02	0.6067E+02	0.5613E-02	-0.1991E+01
6.	0.5431E-02	-0.1294E+03	0.2185E-02	-0.1019E+03	0.8123E-02	-0.7310E+02
7.	0.1361E-01	-0.5651E+02	0.6245E-02	-0.4901E+02	0.9003E-02	-0.4589E+02
8.	0.1802E-01	-0.1785E+03	0.9586E-02	0.1765E+03	0.1321E-01	-0.1568E+03
9.	0.3347E-02	0.7218E+02	0.4351E-02	0.5920E+02	0.2460E-02	0.7482E+02
10.	0.9228E-02	0.9204E+02	0.5556E-02	0.7918E+02	0.6643E-02	0.9283E+02
11.	0.1728E-01	0.8806E+02	0.1098E-01	0.9777E+02	0.8298E-02	0.1092E+03
12.	0.1323E-01	-0.8887E+02	0.7265E-02	-0.9706E+02	0.9070E-02	-0.4698E+02
13.	0.5578E-02	-0.1159E+03	0.2695E-02	-0.1610E+03	0.1838E-02	-0.4537E+02
14.	0.8028E-02	0.3168E+02	0.4492E-02	0.2517E+02	0.3976E-02	0.7514E+02
15.	0.8642E-02	0.5387E+02	0.5318E-02	0.4809E+02	0.4416E-02	0.9845E+02

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9689E+01	0.0000E+00	0.9539E+01	0.0000E+00	0.1071E+02	0.0000E+00
1.	0.1527E+01	0.1111E+03	0.3935E+00	-0.1346E+03	0.8056E+00	-0.9684E+02
2.	0.5455E+00	0.2803E+02	0.3749E+00	0.1433E+02	0.3020E+00	-0.2439E+00
3.	0.4655E+00	0.1711E+03	0.3231E+00	0.1564E+03	0.1677E+00	0.1432E+03
4.	0.5891E+00	0.1647E+03	0.3090E+00	0.1625E+03	0.1715E+00	0.1508E+03
5.	0.4089E+00	0.1206E+03	0.1859E+00	0.1124E+03	0.6851E-01	0.9773E+02
6.	0.3837E+00	0.7718E+02	0.1922E+00	0.8069E+02	0.5949E-01	0.5824E+02
7.	0.1179E+00	0.4798E+02	0.4035E-01	0.4999E+02	0.4459E-01	-0.3995E+02
8.	0.1831E+00	-0.1707E+03	0.1197E+00	-0.1722E+03	0.1184E+00	-0.1708E+03
9.	0.2054E+00	0.1491E+03	0.8656E-01	0.1444E+03	0.3473E-01	0.1263E+03
10.	0.2814E+00	0.1001E+03	0.1419E+00	0.9889E+02	0.7428E-01	0.8949E+02
11.	0.2542E+00	0.7605E+02	0.1392E+00	0.8814E+02	0.7548E-01	0.9016E+02
12.	0.6488E-01	0.1574E+02	0.3202E-01	-0.3143E+02	0.5385E-01	-0.5661E+02
13.	0.7175E-01	-0.9936E+02	0.5283E-01	-0.7960E+02	0.5611E-01	-0.8457E+02
14.	0.3337E-01	0.1193E+03	0.2545E-01	0.4565E+02	0.3264E-01	0.3854E+02
15.	0.1671E+00	0.7223E+02	0.8260E-01	0.6664E+02	0.4858E-01	0.7842E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1108E+02	0.0000E+00	0.1153E+02	0.0000E+00	0.1173E+02	0.0000E+00
1.	0.8319E+00	-0.9382E+02	0.7116E+00	-0.9138E+02	0.4275E+00	-0.9302E+02
2.	0.2245E+00	-0.2998E+01	0.1465E+00	-0.1447E+02	0.9940E-01	-0.2022E+02
3.	0.9752E-01	0.1307E+03	0.5233E-01	0.1372E+03	0.4151E-01	0.1188E+03
4.	0.9926E-01	0.1494E+03	0.7315E-01	0.1341E+03	0.3432E-01	0.1352E+03
5.	0.5386E-01	0.9608E+02	0.4883E-01	0.9594E+02	0.1131E-01	0.9322E+02
6.	0.4203E-01	0.7723E+02	0.9599E-02	0.2145E+02	0.1761E-01	0.4647E+02
7.	0.3093E-01	-0.3202E+02	0.3372E-01	-0.4286E+02	0.1948E-01	-0.3246E+02
8.	0.5277E-01	-0.1565E+03	0.4683E-01	-0.1577E+03	0.2963E-01	-0.1657E+03
9.	0.3080E-01	0.1677E+03	0.3991E-02	0.1038E+03	0.5865E-02	0.1204E+03
10.	0.5245E-01	-0.3283E+01	0.3800E-01	0.1256E+03	0.1593E-01	0.9417E+02
11.	0.4113E-01	0.7707E+02	0.2977E-01	0.9010E+02	0.2255E-01	0.9723E+02
12.	0.3876E-01	-0.5604E+02	0.3408E-01	-0.4830E+02	0.1605E-01	-0.4710E+02
13.	0.1766E-01	-0.7942E+02	0.1083E-01	-0.8305E+02	0.8712E-02	-0.7690E+02
14.	0.1461E-01	0.4249E+02	0.1455E-01	0.2439E+02	0.6596E-02	0.3892E+02
15.	0.1404E-01	0.3979E+02	0.6771E-02	0.4389E+02	0.8108E-02	-0.1661E+02

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1184E+02	0.0000E+00	0.1199E+02	0.0000E+00	0.1249E+02	0.0000E+00
1.	0.3924E+00	-0.9058E+02	0.1708E+00	-0.8879E+02	0.1182E+00	-0.8184E+02
2.	0.6562E-01	-0.3455E+02	0.3008E-01	-0.4041E+02	0.1606E-01	-0.6658E+02
3.	0.3099E-01	0.1348E+03	0.2018E-01	0.1224E+03	0.1518E-01	0.1245E+03
4.	0.3914E-01	0.1315E+03	0.1906E-01	0.1329E+03	0.1169E-01	0.1303E+03
5.	0.1759E-01	0.9588E+02	0.8795E-02	0.9788E+02	0.2712E-02	0.2899E+02
6.	0.2155E-02	-0.1201E+03	0.5503E-02	0.2585E+01	0.2468E-02	-0.7262E+01
7.	0.3424E-01	-0.1661E+02	0.1464E-01	-0.1724E+02	0.1121E-01	-0.2937E+02
8.	0.3403E-01	-0.1551E+03	0.1708E-01	-0.1638E+03	0.1016E-01	-0.1521E+03
9.	0.8645E-02	0.1699E+03	0.2302E-02	-0.1772E+03	0.3007E-02	0.1375E+03
10.	0.2267E-01	0.1152E+03	0.9949E-02	0.7994E+02	0.6129E-02	0.8116E+02
11.	0.2174E-01	0.1017E+03	0.1203E-01	0.7980E+02	0.1020E-01	0.8257E+02
12.	0.3146E-01	-0.4567E+02	0.1169E-01	-0.4872E+02	0.8493E-02	-0.3648E+02
13.	0.6149E-02	-0.5419E+02	0.2951E-02	-0.1510E+03	0.3653E-02	-0.1160E+03
14.	0.7347E-02	0.7960E+02	0.3890E-02	0.3478E+02	0.1588E-02	0.7407E+02
15.	0.6144E-02	0.7974E+02	0.8859E-02	0.2114E+02	0.5055E-02	0.2270E+02

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9860E+01	0.0000E+00	0.9782E+01	0.0000E+00	0.9829E+01	0.0000E+00
1.	0.6300E+00	0.1485E+03	0.1072E+01	-0.1061E+03	0.1325E+01	-0.9879E+02
2.	0.3530E+00	0.2194E+02	0.6000E+00	-0.2582E+01	0.5011E+00	-0.1203E+02
3.	0.2076E+00	0.1580E+03	0.2903E+00	0.1029E+03	0.1695E+00	0.8854E+02
4.	0.2805E+00	0.1477E+03	0.2887E+00	0.1572E+03	0.1556E+00	0.1303E+03
5.	0.2111E+00	0.1258E+03	0.5393E-01	-0.1675E+03	0.8057E-01	0.1225E+03
6.	0.1852E+00	0.7071E+02	0.1365E+00	0.3699E+02	0.2989E-01	0.7895E+02
7.	0.1768E+00	0.1841E+02	0.1007E+00	0.4004E+02	0.7477E-01	-0.1258E+02
8.	0.4885E-01	-0.1019E+03	0.7611E-01	-0.1381E+03	0.2636E-01	-0.1435E+03
9.	0.6045E-01	-0.1453E+03	0.4341E-01	-0.9524E+02	0.3312E-01	-0.1493E+03
10.	0.7148E-01	0.1206E+03	0.4415E-01	0.9518E+02	0.1142E-01	0.2867E+01
11.	0.1101E+00	0.8130E+02	0.6921E-01	0.9572E+02	0.7430E-01	0.7775E+02
12.	0.1003E+00	0.2468E+01	0.4791E-01	-0.1653E+02	0.1042E-01	0.9311E+02
13.	0.8664E-01	-0.3773E+02	0.4095E-01	-0.5764E+02	0.6432E-01	-0.9510E+02
14.	0.4782E-01	-0.8097E+02	0.4382E-01	-0.8287E+02	0.6124E-01	-0.3684E+02
15.	0.1768E-01	0.1515E+03	0.1965E-01	-0.1222E+02	0.4894E-01	0.7030E+02

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.40	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1074E+02	0.0000E+00	0.1175E+02	0.0000E+00	0.1207E+02	0.0000E+00
1.	0.8264E+00	-0.9627E+02	0.4430E+00	-0.9338E+02	0.3252E+00	-0.9053E+02
2.	0.2288E+00	-0.1620E+02	0.1098E+00	-0.3345E+02	0.8668E-01	-0.4373E+02
3.	0.4765E-01	0.1053E+03	0.2776E-01	0.1440E+03	0.3073E-01	0.1431E+03
4.	0.7000E-01	0.1189E+03	0.5485E-01	0.1225E+03	0.5698E-01	0.1253E+03
5.	0.5201E-01	0.9836E+02	0.3406E-01	0.9355E+02	0.2567E-01	0.8883E+02
6.	0.2668E-01	0.6436E+02	0.1157E-01	0.3087E+02	0.9699E-02	-0.2917E+02
7.	0.3924E-01	-0.1175E+02	0.4051E-01	-0.2357E+02	0.4681E-01	-0.2885E+02
8.	0.2830E-01	-0.1316E+03	0.3332E-01	-0.1450E+03	0.4483E-01	-0.1503E+03
9.	0.1005E-01	-0.1358E+03	0.3298E-02	-0.1312E+03	0.3208E-02	0.1503E+03
10.	0.1238E-01	0.1113E+03	0.9692E-02	0.1287E+03	0.1262E-01	0.1249E+03
11.	0.2647E-01	0.8160E+02	0.2336E-01	0.1025E+03	0.2725E-01	0.9622E+02
12.	0.2886E-01	-0.2443E+02	0.3420E-01	-0.3710E+02	0.3367E-01	-0.3304E+02
13.	0.1438E-01	-0.6611E+02	0.1024E-01	-0.5226E+02	0.1082E-01	-0.8229E+02
14.	0.8822E-02	-0.9274E+02	0.4525E-02	0.1523E+03	0.9194E-02	0.1189E+03
15.	0.1231E-02	0.1497E+03	0.3363E-02	0.1529E+03	0.9187E-02	0.1387E+03

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1199E+02	0.0000E+00	0.1217E+02	0.0000E+00	0.1234E+02	0.0000E+00
1.	0.2211E+00	-0.9253E+02	0.1803E+00	-0.9086E+02	0.1324E+00	-0.8436E+02
2.	0.6066E-01	-0.3670E+02	0.4948E-01	-0.3401E+02	0.4448E-01	-0.4448E+02
3.	0.1712E-01	0.1385E+03	0.1345E-01	0.1610E+03	0.1598E-01	0.1587E+03
4.	0.3293E-01	0.1241E+03	0.2440E-01	0.1209E+03	0.2629E-01	0.1287E+03
5.	0.2009E-01	0.9899E+02	0.2165E-01	0.9909E+02	0.1930E-01	0.9060E+02
6.	0.1058E-01	0.9489E+01	0.9449E-02	0.2424E+01	0.7125E-02	-0.6211E+01
7.	0.2347E-01	-0.1604E+02	0.2082E-01	-0.1302E+02	0.2227E-01	-0.1993E+02
8.	0.1796E-01	-0.1550E+03	0.1417E-01	-0.1660E+03	0.1797E-01	-0.1612E+03
9.	0.3997E-02	0.1777E+03	0.3040E-02	-0.1704E+03	0.2243E-02	-0.1633E+03
10.	0.5584E-02	0.1288E+03	0.6754E-02	0.1189E+03	0.5503E-02	0.9937E+02
11.	0.1432E-01	0.7478E+02	0.1275E-01	0.7314E+02	0.1402E-01	0.9091E+02
12.	0.1703E-01	-0.2856E+02	0.1856E-01	-0.3378E+02	0.1843E-01	-0.3893E+02
13.	0.7322E-02	-0.1081E+03	0.3897E-02	-0.1038E+03	0.4589E-02	-0.8679E+02
14.	0.3090E-02	0.1604E+03	0.4405E-02	0.1496E+03	0.3783E-02	0.1674E+03
15.	0.3603E-02	0.1158E+03	0.1883E-02	-0.1599E+03	0.4648E-02	0.9815E+02

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.86 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.86 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1241E+02	0.0000E+00	0.1220E+02	0.0000E+00	0.1318E+02	0.0000E+00
1.	0.1021E+00	-0.8483E+02	0.6303E-01	-0.7662E+02	0.9571E-01	0.6992E+02
2.	0.3911E-01	-0.6513E+02	0.2288E-01	-0.7068E+02	0.4146E-01	-0.1341E+03
3.	0.1555E-01	0.1505E+03	0.9616E-02	0.1528E+03	0.1523E-01	-0.1738E+03
4.	0.2358E-01	0.1344E+03	0.1090E-01	0.1275E+03	0.3254E-01	0.1363E+03
5.	0.1560E-01	0.7689E+02	0.8125E-02	0.7304E+02	0.8889E-02	0.6324E+02
6.	0.1082E-01	-0.2647E+02	0.6468E-02	-0.1432E+02	0.2121E-01	-0.7581E+02
7.	0.2428E-01	-0.2295E+02	0.1175E-01	-0.3355E+02	0.2940E-01	-0.4908E+02
8.	0.1884E-01	-0.1594E+03	0.9137E-02	-0.1599E+03	0.2939E-01	-0.1682E+03
9.	0.2661E-02	-0.1284E+03	0.2185E-02	0.1383E+03	0.6774E-02	-0.2870E+02
10.	0.2311E-02	0.1511E+03	0.8751E-03	0.8719E+02	0.4114E-02	0.8258E+02
11.	0.1363E-01	0.7699E+02	0.7208E-02	0.6597E+02	0.1080E-01	0.8543E+02
12.	0.1991E-01	-0.4819E+02	0.8371E-02	-0.2948E+02	0.2835E-01	-0.6208E+02
13.	0.6822E-02	-0.1175E+03	0.3718E-02	-0.1150E+03	0.8935E-02	-0.1545E+03
14.	0.7043E-02	0.1128E+03	0.1576E-02	0.1473E+03	0.1547E-01	0.8420E+02
15.	0.6723E-02	0.1147E+03	0.2244E-02	0.7901E+02	0.5929E-02	0.6346E+02

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1054E+02	0.0000E+00	0.8978E+01	0.0000E+00	0.9218E+01	0.0000E+00
1.	0.2293E+01	0.1120E+03	0.8748E+00	0.1486E+03	0.1254E+01	-0.1096E+03
2.	0.6386E+00	0.3130E+02	0.3452E+00	0.3320E+02	0.5833E+00	-0.5576E+01
3.	0.9728E-01	0.1516E+03	0.1945E+00	0.1569E+03	0.2052E+00	0.1061E+03
4.	0.4150E+00	0.1549E+03	0.3128E+00	0.1402E+03	0.1446E+00	0.1332E+03
5.	0.4077E+00	0.1387E+03	0.2727E+00	0.1238E+03	0.1497E+00	0.8946E+02
6.	0.3054E+00	0.7998E+02	0.2084E+00	0.6770E+02	0.1163E+00	0.9094E+02
7.	0.3185E+00	0.2078E+02	0.2032E+00	0.1543E+02	0.6549E-01	-0.2603E+02
8.	0.1705E+00	-0.2609E+02	0.7563E-01	-0.2392E+02	0.4390E-01	-0.1288E+02
9.	0.1397E+00	-0.1311E+03	0.7107E-01	-0.1543E+03	0.4637E-01	0.1752E+03
10.	0.1657E+00	0.1606E+03	0.8714E-01	0.1400E+03	0.2615E-01	0.1691E+03
11.	0.1739E+00	0.9044E+02	0.1025E+00	0.7399E+02	0.6335E-01	0.5271E+02
12.	0.1806E+00	0.2270E+02	0.1031E+00	0.3786E+01	0.4371E-01	-0.9448E+01
13.	0.1709E+00	-0.3025E+02	0.9021E-01	-0.4231E+02	0.5220E-01	-0.6708E+02
14.	0.1547E+00	-0.9531E+02	0.7356E-01	-0.1042E+03	0.2744E-01	-0.8250E+02
15.	0.1429E+00	-0.1822E+03	0.6283E-01	-0.1739E+03	0.2990E-01	0.1677E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1012E+02	0.0000E+00	0.1098E+02	0.0000E+00	0.1092E+02	0.0000E+00
1.	0.1276E+01	-0.1025E+03	0.8058E+00	-0.9982E+02	0.7578E+00	-0.9895E+02
2.	0.6781E+00	-0.1424E+02	0.2486E+00	-0.1468E+02	0.1961E+00	-0.2140E+02
3.	0.4006E+00	0.7808E+02	0.5937E-01	0.1170E+03	0.3187E-01	0.1442E+03
4.	0.3590E+00	0.1429E+03	0.8100E-01	0.1198E+03	0.6550E-01	0.9447E+02
5.	0.1563E+00	-0.1379E+03	0.6137E-01	0.9429E+02	0.7823E-01	0.8658E+02
6.	0.1593E+00	-0.1490E+02	0.3922E-01	0.5992E+02	0.2662E-01	0.1087E+03
7.	0.1204E+00	0.4132E+02	0.5029E-01	0.9928E+01	0.4991E-01	-0.2514E+02
8.	0.6400E-01	0.1777E+03	0.2738E-01	-0.1593E+03	0.6838E-02	-0.1029E+03
9.	0.5910E-01	-0.9598E+02	0.2689E-01	-0.1220E+03	0.1689E-01	0.1596E+03
10.	0.6307E-01	0.4921E+02	0.1309E-01	0.4778E+02	0.1713E-01	0.1543E+03
11.	0.7567E-01	0.1034E+03	0.4712E-01	0.8444E+02	0.1892E-01	0.1047E+03
12.	0.4297E-01	-0.7552E+02	0.2189E-01	-0.2532E+02	0.4096E-01	-0.2509E+02
13.	0.3006E-01	-0.7512E+02	0.3018E-01	-0.5323E+02	0.1803E-01	-0.1906E+02
14.	0.4332E-01	-0.1465E+03	0.1047E-01	-0.8595E+02	0.1815E-01	-0.1505E+03
15.	0.4657E-01	-0.1042E+03	0.1466E-01	0.1428E+03	0.1194E-01	0.1734E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1153E+02	0.0000E+00	0.1162E+02	0.0000E+00	0.1223E+02	0.0000E+00
1.	0.4104E+00	-0.9316E+02	0.2691E+00	-0.9058E+02	0.1821E+00	-0.9045E+02
2.	0.1032E+00	-0.3005E+02	0.7380E-01	-0.3658E+02	0.5460E-01	-0.3529E+02
3.	0.3450E-01	0.1445E+03	0.3321E-01	0.1489E+03	0.1709E-01	0.1585E+03
4.	0.5185E-01	0.1081E+03	0.4579E-01	0.1109E+03	0.2625E-01	0.9290E+02
5.	0.4048E-01	0.7372E+02	0.3195E-01	0.7020E+02	0.2722E-01	0.8191E+02
6.	0.8651E-02	0.3106E+02	0.8853E-02	-0.2386E+01	0.5985E-02	0.6861E+02
7.	0.4260E-01	-0.1586E+02	0.3820E-01	-0.1389E+02	0.2436E-01	-0.1399E+02
8.	0.1107E-01	0.1757E+03	0.7692E-02	0.1408E+03	0.6283E-02	0.1036E+03
9.	0.1673E-01	0.1732E+03	0.1705E-01	0.1614E+03	0.1596E-01	0.1491E+03
10.	0.1032E-01	0.1215E+03	0.9254E-02	0.1381E+03	0.8482E-02	0.1464E+03
11.	0.2217E-01	0.1011E+03	0.1682E-01	0.1012E+03	0.7180E-02	0.8422E+02
12.	0.3008E-01	-0.3971E+02	0.2744E-01	-0.3909E+02	0.1982E-01	-0.3396E+02
13.	0.1759E-01	-0.3386E+02	0.1485E-01	-0.3474E+02	0.8403E-02	-0.4353E+02
14.	0.1338E-01	-0.1642E+03	0.1643E-01	-0.1785E+03	0.1336E-01	-0.1821E+03
15.	0.1156E-01	0.1410E+03	0.1616E-01	0.1418E+03	0.5988E-02	0.1521E+03



Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.60	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1256E+02	0.0000E+00	0.1288E+02	0.0000E+00	0.1225E+02	0.0000E+00
1.	0.9355E-01	-0.8021E+02	0.7867E-01	-0.7330E+02	0.6872E-01	-0.7189E+02
2.	0.3441E-01	-0.4928E+02	0.3327E-01	-0.4633E+02	0.3015E-01	-0.5752E+02
3.	0.1663E-01	0.1665E+03	0.2014E-01	0.1549E+03	0.9893E-02	-0.1756E+03
4.	0.2084E-01	0.1009E+03	0.1890E-01	0.9915E+02	0.1873E-01	0.1038E+03
5.	0.2261E-01	0.7585E+02	0.2097E-01	0.7516E+02	0.1850E-01	0.8636E+02
6.	0.3297E-02	-0.5146E+02	0.5527E-02	-0.2261E+02	0.2791E-02	-0.3071E+02
7.	0.2162E-01	-0.1365E+02	0.2331E-01	-0.1535E+02	0.2112E-01	-0.3413E+02
8.	0.9247E-02	0.9115E+02	0.9768E-02	0.7358E+02	0.1322E-01	-0.1592E+03
9.	0.1376E-01	0.1579E+03	0.1256E-01	0.1524E+03	0.7962E-02	0.1427E+03
10.	0.7113E-02	0.1492E+03	0.4791E-02	0.1595E+03	0.5699E-02	0.1343E+03
11.	0.3878E-02	0.1012E+03	0.5627E-02	0.8359E+02	0.7622E-02	0.6410E+02
12.	0.1823E-01	-0.3870E+02	0.1706E-01	-0.3478E+02	0.1774E-01	-0.3347E+02
13.	0.7474E-02	-0.1393E+02	0.6015E-02	-0.2403E+02	0.4210E-02	-0.9546E+02
14.	0.1161E-01	-0.1708E+03	0.1322E-01	-0.1656E+03	0.8251E-02	-0.1757E+03
15.	0.4023E-02	0.1231E+03	0.5049E-02	0.1369E+03	0.3424E-02	0.1499E+03

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE
0.	0.1272E+02	0.0000E+00
1.	0.3675E-01	0.3043E+02
2.	0.1916E-01	-0.7687E+02
3.	0.9606E-02	-0.1738E+03
4.	0.1040E-01	0.1083E+03
5.	0.1260E-01	0.9055E+02
6.	0.3988E-02	-0.4505E+02
7.	0.1503E-01	-0.2978E+02
8.	0.8467E-02	-0.1636E+03
9.	0.5800E-02	0.1413E+03
10.	0.4257E-02	0.1405E+03
11.	0.2902E-02	0.4960E+02
12.	0.1297E-01	-0.3799E+02
13.	0.2561E-02	-0.1004E+03
14.	0.4505E-02	0.1737E+03
15.	0.2567E-02	0.1438E+03

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1143E+02	0.0000E+00	0.8420E+01	0.0000E+00	0.9664E+01	0.0000E+00
1.	0.2695E+01	0.1118E+03	0.1301E+01	0.1777E+03	0.1097E+01	-0.1195E+03
2.	0.6227E+00	0.3194E+02	0.5151E+00	0.1723E+02	0.4227E+00	-0.1588E+02
3.	0.8372E-01	0.1409E+03	0.3069E+00	0.1165E+03	0.1221E+00	0.1059E+03
4.	0.4275E+00	0.1519E+03	0.5119E+00	0.1438E+03	0.1644E+00	0.1242E+03
5.	0.3914E+00	0.1440E+03	0.4297E+00	0.1354E+03	0.1436E+00	0.1046E+03
6.	0.2424E+00	0.9083E+02	0.3538E+00	0.8794E+02	0.1143E+00	0.7920E+02
7.	0.2801E+00	0.2043E+02	0.3315E+00	0.3831E+02	0.9517E-01	0.2278E+02
8.	0.1513E+00	-0.2817E+02	0.1397E+00	-0.1987E+01	0.2077E-01	-0.2387E+02
9.	0.1193E+00	-0.1182E+03	0.9541E-01	-0.1025E+03	0.3598E-01	-0.1339E+03
10.	0.1561E+00	0.1773E+03	0.1307E+00	-0.1767E+03	0.3818E-01	-0.1786E+03
11.	0.1415E+00	0.1224E+03	0.1155E+00	0.1194E+03	0.2108E-01	0.1001E+03
12.	0.1210E+00	0.3636E+02	0.1267E+00	0.2349E+02	0.6903E-01	-0.1251E+02
13.	0.1296E+00	-0.1609E+02	0.1322E+00	-0.1967E+02	0.5218E-01	-0.2988E+02
14.	0.1042E+00	-0.7770E+02	0.1030E+00	-0.8265E+02	0.1889E-01	-0.6244E+02
15.	0.1136E+00	-0.1498E+03	0.1085E+00	-0.1507E+03	0.1873E-01	0.1462E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1018E+02	0.0000E+00	0.1117E+02	0.0000E+00	0.1201E+02	0.0000E+00
1.	0.1722E+01	-0.1024E+03	0.7086E+00	-0.9523E+02	0.4938E+00	-0.8878E+02
2.	0.7729E+00	-0.2029E+02	0.1049E+00	-0.4393E+02	0.8832E-01	-0.4666E+02
3.	0.3632E+00	0.7244E+02	0.8082E-01	-0.1640E+03	0.6657E-01	0.1659E+03
4.	0.2693E+00	0.1360E+03	0.3196E-01	0.7938E+02	0.4977E-01	0.1246E+03
5.	0.4345E-01	0.1517E+03	0.8080E-01	0.6237E+02	0.3787E-01	0.5589E+02
6.	0.6827E-01	0.5738E+02	0.2480E-01	0.1114E+03	0.9752E-02	-0.8824E+02
7.	0.1726E-01	0.1439E+02	0.5296E-01	-0.2850E+02	0.5021E-01	-0.2443E+02
8.	0.6334E-01	-0.7805E+02	0.1801E-01	0.1106E+02	0.1798E-01	0.5827E+02
9.	0.4351E-01	-0.1520E+02	0.1136E-01	-0.1604E+03	0.1153E-01	-0.1415E+03
10.	0.4946E-01	0.1245E+03	0.1113E-01	0.1650E+03	0.6887E-02	0.1464E+03
11.	0.1627E-01	-0.1401E+03	0.1148E-01	0.1114E+03	0.1440E-01	0.1325E+03
12.	0.8809E-01	-0.1373E+02	0.4795E-01	-0.4239E+02	0.4932E-01	-0.5159E+02
13.	0.2096E-01	0.7996E+02	0.2307E-01	-0.6551E+02	0.2042E-01	-0.7364E+02
14.	0.4889E-01	-0.1530E+03	0.2173E-01	0.1304E+03	0.2705E-01	0.1282E+03
15.	0.1830E-01	-0.2563E+02	0.2019E-01	0.1137E+03	0.2144E-01	0.1019E+03

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1217E+02	0.0000E+00	0.1227E+02	0.0000E+00	0.1236E+02	0.0000E+00
1.	0.3429E+00	-0.8113E+02	0.1895E+00	-0.6630E+02	0.1501E+00	-0.5885E+02
2.	0.6436E-01	-0.7136E+02	0.3439E-01	-0.4655E+02	0.3319E-01	-0.3917E+02
3.	0.6438E-01	0.1663E+03	0.2830E-01	-0.1793E+03	0.2506E-01	0.1800E+03
4.	0.4416E-01	0.1293E+03	0.2000E-01	0.1254E+03	0.1581E-01	0.1277E+03
5.	0.2573E-01	0.3223E+02	0.1525E-01	0.7380E+02	0.1248E-01	0.7128E+02
6.	0.1726E-01	-0.7781E+02	0.8598E-02	-0.1156E+02	0.7426E-02	-0.2665E+00
7.	0.4637E-01	-0.2405E+02	0.2388E-01	-0.2354E+02	0.2120E-01	-0.2488E+02
8.	0.2628E-01	0.4932E+02	0.7786E-02	-0.1720E+03	0.4782E-02	-0.1701E+03
9.	0.1345E-01	-0.1579E+03	0.1920E-02	-0.1337E+03	0.2889E-02	-0.1723E+03
10.	0.4245E-02	-0.1787E+03	0.1959E-02	0.1216E+03	0.1749E-02	0.1478E+03
11.	0.6148E-02	0.1495E+03	0.1004E-01	0.1014E+03	0.7390E-02	0.1045E+03
12.	0.3958E-01	-0.5813E+02	0.1932E-01	-0.5632E+02	0.1702E-01	-0.6171E+02
13.	0.2326E-01	-0.8417E+02	0.6660E-02	-0.9881E+02	0.4591E-02	-0.1062E+03
14.	0.2779E-01	0.1251E+03	0.7727E-02	0.1269E+03	0.6986E-02	0.1093E+03
15.	0.2202E-01	0.1017E+03	0.8730E-02	0.1112E+03	0.7612E-02	0.1078E+03

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.95		FRACTN RADIUS 0.95	
	FRACTN OF CHORD 0.70		FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1254E+02	0.0000E+00	0.1299E+02	0.0000E+00
1.	0.1035E+00	-0.1853E+02	0.1207E+00	0.5887E+02
2.	0.2151E-01	-0.4882E+02	0.1080E-01	-0.1155E+03
3.	0.1051E-01	-0.1761E+03	0.1067E-01	-0.1500E+03
4.	0.1704E-01	0.1426E+03	0.1502E-01	0.1479E+03
5.	0.1029E-01	0.8455E+02	0.3688E-02	0.1189E+03
6.	0.4447E-02	-0.1865E+02	0.8550E-02	-0.1013E+03
7.	0.1748E-01	-0.2282E+02	0.1437E-01	-0.3467E+02
8.	0.1842E-01	-0.1558E+03	0.1357E-01	-0.1563E+03
9.	0.1597E-02	-0.4693E+02	0.1784E-02	-0.4133E+02
10.	0.2860E-02	0.1078E+03	0.8093E-03	-0.6069E+02
11.	0.9137E-02	0.1046E+03	0.5452E-02	0.9845E+02
12.	0.1846E-01	-0.5426E+02	0.1387E-01	-0.5879E+02
13.	0.3362E-02	-0.9271E+02	0.3682E-02	-0.1138E+03
14.	0.7869E-02	0.9543E+02	0.6431E-02	0.9513E+02
15.	0.8010E-02	0.9902E+02	0.7896E-02	0.9660E+02

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1101E+02	0.0000E+00	0.9158E+01	0.0000E+00	0.1027E+02	0.0000E+00
1.	0.2292E+01	0.1141E+03	0.9481E+00	0.1572E+03	0.1373E+01	-0.1075E+03
2.	0.5490E+00	0.3729E+02	0.2908E+00	0.2433E+02	0.7253E+00	-0.2746E+02
3.	0.9549E-01	0.5156E+02	0.1672E+00	0.1218E+03	0.4591E+00	0.5010E+02
4.	0.2685E+00	0.1516E+03	0.3184E+00	0.1295E+03	0.4349E+00	0.1193E+03
5.	0.3475E+00	0.1552E+03	0.2553E+00	0.1208E+03	0.2448E+00	0.1796E+03
6.	0.2206E+00	0.1106E+03	0.1746E+00	0.8116E+02	0.1669E+00	-0.7622E+02
7.	0.2437E+00	0.3444E+02	0.2008E+00	0.1691E+01	0.1523E+00	-0.1762E+02
8.	0.1813E+00	-0.3641E+01	0.9420E-01	-0.4453E+02	0.2586E-01	0.9038E+02
9.	0.1137E+00	-0.6644E+02	0.6328E-01	-0.1348E+03	0.2607E-01	-0.8837E+02
10.	0.1349E+00	-0.1477E+03	0.8991E-01	0.1478E+03	0.5407E-01	0.4985E+02
11.	0.1260E+00	0.1601E+03	0.8664E-01	0.8890E+02	0.9570E-01	0.9217E+02
12.	0.8632E-01	0.8464E+02	0.8201E-01	-0.7745E+01	0.3807E-01	-0.1448E+03
13.	0.9961E-01	0.2658E+02	0.1012E+00	-0.4151E+02	0.5757E-01	-0.8691E+02
14.	0.9939E-01	-0.2761E+02	0.7175E-01	-0.8972E+02	0.2553E-01	-0.7697E+02
15.	0.7937E-01	-0.9232E+02	0.6371E-01	-0.1677E+03	0.1637E-01	-0.1331E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1108E+02	0.0000E+00	0.1203E+02	0.0000E+00	0.1240E+02	0.0000E+00
1.	0.6716E+00	-0.9463E+02	0.1330E+00	-0.4734E+02	0.1224E+00	-0.2996E+02
2.	0.1162E+00	-0.1888E+02	0.3176E-01	-0.2848E+02	0.2342E-01	-0.1949E+02
3.	0.3440E-01	0.1648E+03	0.1865E-01	0.1719E+03	0.1717E-01	0.1754E+03
4.	0.2977E-01	0.7442E+02	0.1795E-01	0.1194E+03	0.1048E-01	0.1102E+03
5.	0.6150E-01	0.5054E+02	0.1703E-01	0.8177E+02	0.1043E-01	0.8465E+02
6.	0.2641E-01	0.8146E+02	0.1098E-01	0.5316E+02	0.3891E-02	0.4667E+02
7.	0.3714E-01	-0.4802E+02	0.1297E-01	-0.3234E+02	0.1250E-01	-0.2570E+02
8.	0.3378E-01	-0.1514E+03	0.8446E-02	-0.1424E+03	0.1438E-01	-0.1544E+03
9.	0.1635E-01	-0.1738E+03	0.2868E-02	-0.1164E+03	0.1723E-02	0.1523E+03
10.	0.1383E-01	0.1068E+03	0.3938E-02	0.1069E+03	0.5454E-02	0.9933E+02
11.	0.3606E-01	0.7592E+02	0.9921E-02	0.5300E+02	0.9304E-02	0.8543E+02
12.	0.3620E-01	-0.3291E+02	0.9935E-02	-0.8580E+02	0.1334E-01	-0.4286E+02
13.	0.1934E-01	-0.3110E+02	0.5285E-02	-0.7582E+02	0.6842E-02	-0.6178E+02
14.	0.6955E-02	-0.1969E+02	0.4115E-02	0.3158E+02	0.1676E-02	0.6915E+02
15.	0.2491E-02	0.1293E+03	0.5964E-02	0.9982E+02	0.4979E-02	0.1356E+03

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1219E+02	0.0000E+00	0.1243E+02	0.0000E+00	0.1249E+02	0.0000E+00
1.	0.1269E+00	-0.1588E+02	0.1147E+00	0.1336E+02	0.1830E+00	0.6022E+02
2.	0.1998E-01	-0.2690E+02	0.2016E-01	-0.1281E+02	0.8958E-02	0.4074E+02
3.	0.1748E-01	-0.1786E+03	0.1279E-01	-0.1702E+03	0.8359E-02	-0.1223E+03
4.	0.9778E-02	0.1213E+03	0.7637E-02	0.1426E+03	0.1330E-01	0.1625E+03
5.	0.9517E-02	0.8099E+02	0.7162E-02	0.9619E+02	0.5097E-02	0.1589E+03
6.	0.3535E-02	0.2094E+02	0.2616E-02	0.5018E+02	0.6286E-02	-0.1156E+03
7.	0.1298E-01	-0.3873E+02	0.1029E-01	-0.3257E+02	0.1032E-01	-0.4476E+02
8.	0.1308E-01	-0.1554E+03	0.1102E-01	-0.1548E+03	0.1045E-01	-0.1595E+03
9.	0.1906E-02	0.1415E+03	0.1563E-02	0.1734E+03	0.1538E-02	0.1268E+03
10.	0.4891E-02	0.1020E+03	0.3573E-02	0.9573E+02	0.1531E-02	0.6594E+02
11.	0.9073E-02	0.7689E+02	0.7908E-02	0.8518E+02	0.7357E-02	0.8995E+02
12.	0.1377E-01	-0.5080E+02	0.1023E-01	-0.5157E+02	0.1037E-01	-0.5737E+02
13.	0.5582E-02	-0.8533E+02	0.5079E-02	-0.5079E+02	0.4515E-02	-0.6707E+02
14.	0.2806E-02	0.4401E+02	0.2658E-02	0.4456E+02	0.2159E-02	0.3958E+02
15.	0.4247E-02	0.1238E+03	0.3389E-02	0.1246E+03	0.3299E-02	0.1015E+03

Table IV-13a. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1221E+02	0.0000E+00	0.1005E+02	0.0000E+00	0.9820E+01	0.0000E+00
1.	0.1850E+01	0.1188E+03	0.9387E+00	0.1730E+03	0.1602E+01	-0.1183E+03
2.	0.3173E+00	0.3078E+02	0.1495E+00	0.1466E+02	0.6140E+00	-0.3756E+02
3.	0.1007E+00	0.9548E+02	0.1522E+00	0.1301E+03	0.1767E+00	0.5191E+02
4.	0.2673E+00	0.1437E+03	0.2351E+00	0.1333E+03	0.1427E+00	0.1019E+03
5.	0.2362E+00	0.1447E+03	0.1628E+00	0.1282E+03	0.9317E-01	0.7974E+02
6.	0.1331E+00	0.9250E+02	0.8865E-01	0.6682E+02	0.5695E-01	0.6196E+02
7.	0.1782E+00	0.9819E+01	0.1457E+00	-0.1297E+01	0.8833E-01	-0.9036E+01
8.	0.1383E+00	-0.2531E+02	0.8945E-01	-0.2217E+02	0.5374E-01	0.4434E+02
9.	0.8691E-01	-0.1048E+03	0.3870E-01	-0.1197E+03	0.6908E-01	0.1659E+03
10.	0.1122E+00	-0.1754E+03	0.5898E-01	0.1717E+03	0.8454E-01	-0.1571E+03
11.	0.1079E+00	0.1318E+03	0.5238E-01	0.1139E+03	0.2390E-02	-0.3512E+02
12.	0.7216E-01	0.3816E+02	0.5622E-01	-0.7531E+01	0.5607E-01	-0.4090E+02
13.	0.1133E+00	-0.1754E+02	0.7919E-01	-0.3680E+02	0.6088E-01	-0.5206E+02
14.	0.8235E-01	-0.6028E+02	0.3678E-01	-0.7424E+02	0.1495E-01	0.2185E+02
15.	0.8616E-01	-0.1327E+03	0.4612E-01	-0.1495E+03	0.2291E-01	0.1430E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1067E+02	0.0000E+00	0.1138E+02	0.0000E+00	0.1141E+02	0.0000E+00
1.	0.7024E+00	-0.1105E+03	0.6499E+00	-0.1006E+03	0.5675E+00	-0.9452E+02
2.	0.2090E+00	-0.3038E+02	0.1645E+00	-0.2896E+02	0.1257E+00	-0.2690E+02
3.	0.7487E-01	0.1078E+03	0.5470E-01	0.1257E+03	0.4252E-01	0.1396E+03
4.	0.8620E-01	0.1294E+03	0.5109E-01	0.1215E+03	0.3535E-01	0.1203E+03
5.	0.1142E-01	0.7099E+02	0.2508E-01	0.4068E+02	0.2026E-01	0.4815E+02
6.	0.4888E-01	-0.2928E+01	0.3375E-01	0.1514E+02	0.2550E-01	0.1865E+02
7.	0.5363E-01	-0.9471E+01	0.4246E-01	-0.2196E+02	0.3486E-01	-0.2417E+02
8.	0.1025E-01	0.1686E+03	0.3614E-02	0.1432E+03	0.6902E-02	0.3362E+02
9.	0.2201E-01	-0.1590E+03	0.1698E-01	-0.1659E+03	0.1178E-01	-0.1687E+03
10.	0.1638E-02	0.7482E+02	0.2128E-02	-0.1615E+03	0.5135E-02	-0.1339E+03
11.	0.3541E-01	0.5915E+02	0.2912E-01	0.6692E+02	0.2238E-01	0.6634E+02
12.	0.2544E-01	-0.5690E+02	0.2497E-01	-0.5292E+02	0.2116E-01	-0.5837E+02
13.	0.1954E-01	-0.1033E+03	0.1393E-01	-0.1079E+03	0.8368E-02	-0.1118E+03
14.	0.3983E-02	-0.1702E+03	0.5720E-02	0.1338E+03	0.8400E-02	0.1077E+03
15.	0.1141E-01	0.1485E+03	0.1019E-01	0.1614E+03	0.8829E-02	0.1598E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1184E+02	0.0000E+00	0.1227E+02	0.0000E+00	0.1226E+02	0.0000E+00
1.	0.3402E+00	-0.6341E+02	0.2330E+00	-0.4310E+02	0.1854E+00	-0.1150E+02
2.	0.5831E-01	-0.2063E+02	0.4735E-01	-0.1798E+02	0.4879E-01	-0.9093E+01
3.	0.5253E-01	0.1417E+03	0.5482E-01	0.1461E+03	0.3588E-01	0.1671E+03
4.	0.4109E-01	0.1246E+03	0.4782E-01	0.1289E+03	0.2949E-01	0.1235E+03
5.	0.2288E-01	0.4200E+02	0.1591E-01	0.5012E+02	0.1298E-01	0.1033E+03
6.	0.8789E-02	0.1993E+02	0.7690E-02	0.4877E+02	0.1558E-01	0.8363E+02
7.	0.2969E-01	-0.8206E+01	0.3498E-01	-0.7190E+01	0.1192E-01	0.3255E+01
8.	0.2225E-02	0.8063E+02	0.9586E-02	0.4197E+02	0.1268E-01	-0.1311E+03
9.	0.6909E-02	-0.1635E+03	0.7281E-02	-0.1442E+03	0.8102E-02	-0.8948E+02
10.	0.4397E-02	-0.1596E+03	0.7372E-02	-0.1288E+03	0.6515E-02	0.1090E+03
11.	0.2941E-01	0.9862E+02	0.2762E-01	0.1126E+03	0.1186E-01	0.9332E+02
12.	0.1746E-01	-0.4542E+02	0.1301E-01	-0.6197E+02	0.7279E-02	-0.6653E+02
13.	0.1275E-01	-0.2454E+02	0.1843E-01	-0.1317E+02	0.3574E-02	-0.2370E+02
14.	0.5435E-02	0.1064E+03	0.1063E-01	0.1272E+03	0.6741E-02	0.2053E+02
15.	0.7358E-02	0.1544E+03	0.6876E-02	0.1391E+03	0.3035E-02	0.1685E+03

Table IV-13a. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1222E+02	0.0000E+00	0.1234E+02	0.0000E+00	0.1210E+02	0.0000E+00
1.	0.2195E+00	0.1191E+02	0.2803E+00	0.3554E+02	0.8298E+00	0.4077E+02
2.	0.6562E-01	-0.1737E+02	0.1269E+00	-0.2900E+02	0.3211E+00	-0.9411E+02
3.	0.5156E-01	-0.1751E+03	0.9250E-01	-0.1700E+03	0.1003E+00	0.1267E+03
4.	0.3607E-01	0.1188E+03	0.4486E-01	0.9114E+02	0.9051E-02	0.1541E+03
5.	0.7985E-02	0.8964E+02	0.7278E-02	-0.7129E+02	0.2714E-01	0.1647E+03
6.	0.1052E-01	0.1006E+03	0.1670E-01	0.1405E+03	0.2148E-01	0.6559E+02
7.	0.1114E-01	0.1487E+02	0.1097E-01	0.2624E+02	0.2299E-01	-0.5937E+02
8.	0.1270E-01	-0.1342E+03	0.1034E-01	-0.9980E+02	0.1301E-01	-0.1636E+03
9.	0.8764E-02	-0.1030E+03	0.9130E-02	-0.1134E+03	0.3902E-02	0.5964E+02
10.	0.6642E-02	0.1177E+03	0.6758E-02	0.1292E+03	0.3614E-02	-0.8632E+02
11.	0.1258E-01	0.9314E+02	0.1214E-01	0.9199E+02	0.6929E-02	0.1108E+03
12.	0.8349E-02	-0.6471E+02	0.3320E-02	-0.2415E+02	0.3667E-02	0.1347E+03
13.	0.5879E-02	-0.1246E+02	0.7034E-02	-0.2749E+01	0.9313E-02	0.3924E+02
14.	0.7864E-02	0.1095E+02	0.8741E-02	-0.8881E+01	0.1410E-01	-0.1908E+02
15.	0.4205E-02	0.1628E+03	0.4205E-02	-0.1333E+03	0.8590E-02	-0.1358E+03

Table IV-13b. Harmonic pressure data for 99 KTAS, 800 FPM R/S, bottom surface

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1311E+02	0.0000E+00	0.1302E+02	0.0000E+00	0.1270E+02	0.0000E+00
1.	0.8450E+00	0.8607E+02	0.2841E+00	0.1035E+03	0.6261E-01	0.1717E+03
2.	0.1025E+00	-0.9606E+02	0.1569E+00	-0.5419E+02	0.1250E+00	-0.4234E+02
3.	0.1026E-01	-0.1390E+03	0.2816E-01	-0.6244E+01	0.2483E-01	-0.3989E+01
4.	0.8840E-02	-0.4692E+02	0.2174E-01	-0.5202E+02	0.1700E-01	-0.5195E+02
5.	0.2073E-01	0.1984E+02	0.1882E-01	-0.2172E+02	0.1332E-01	-0.5316E+02
6.	0.1037E-01	0.1192E+03	0.1988E-01	0.1063E+03	0.1491E-01	0.1021E+03
7.	0.2475E-01	-0.1179E+03	0.3044E-01	-0.1767E+03	0.2351E-01	0.1722E+03
8.	0.2951E-01	-0.8247E+02	0.2713E-01	-0.1353E+03	0.2090E-01	-0.1518E+03
9.	0.1728E-01	-0.5683E+02	0.1140E-01	-0.1052E+03	0.9421E-02	-0.1251E+03
10.	0.9087E-02	-0.1160E+03	0.6102E-02	0.1760E+03	0.6258E-02	-0.1736E+03
11.	0.4837E-02	0.1602E+03	0.1861E-01	0.1276E+03	0.1099E-01	0.1257E+03
12.	0.2425E-02	0.1089E+03	0.1432E-01	0.1365E+03	0.1061E-01	0.1348E+03
13.	0.1024E-01	0.1674E+03	0.1813E-01	0.1603E+03	0.1285E-01	0.1608E+03
14.	0.8504E-02	-0.1751E+03	0.1466E-01	0.1714E+03	0.1052E-01	0.1664E+03
15.	0.1096E-02	0.3749E+02	0.4239E-02	-0.1516E+03	0.3128E-02	-0.1551E+03

HARMONIC	FRACTN RADIUS 0.40 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.40 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1252E+02	0.0000E+00	0.1254E+02	0.0000E+00	0.1267E+02	0.0000E+00
1.	0.1375E+00	-0.1152E+03	0.5409E-01	-0.1448E+03	0.3486E-01	0.1443E+03
2.	0.9495E-01	-0.3672E+02	0.5729E-01	-0.3820E+02	0.2831E-01	-0.3997E+02
3.	0.1983E-01	-0.4131E+01	0.9792E-02	-0.3981E+02	0.7140E-02	-0.4465E+02
4.	0.1305E-01	-0.1767E+02	0.1089E-01	-0.2193E+02	0.1067E-01	-0.2162E+02
5.	0.7426E-02	-0.5692E+02	0.5628E-02	-0.6863E+02	0.5393E-02	-0.8268E+02
6.	0.1145E-01	0.7996E+02	0.7721E-02	0.7039E+02	0.5036E-02	0.4784E+02
7.	0.1350E-01	0.1423E+03	0.7818E-02	0.1626E+03	0.1914E-02	0.1456E+03
8.	0.1044E-01	0.1675E+03	0.3194E-02	0.1734E+03	0.9160E-03	0.1567E+03
9.	0.5773E-02	-0.1566E+03	0.1722E-02	-0.1667E+03	0.1181E-02	-0.1528E+03
10.	0.2380E-02	-0.1402E+03	0.2086E-02	-0.1799E+03	0.2454E-02	-0.1687E+03
11.	0.5554E-02	0.9851E+02	0.3350E-02	0.1374E+03	0.2040E-02	0.1544E+03
12.	0.7264E-02	0.8971E+02	0.4675E-02	0.2016E+02	0.3789E-02	0.1391E+02
13.	0.7759E-02	0.1388E+03	0.4143E-02	0.1292E+03	0.1683E-02	0.1579E+03
14.	0.5337E-02	0.1596E+03	0.3055E-02	0.1754E+03	0.1785E-02	0.1606E+03
15.	0.8158E-03	-0.2410E+02	0.7414E-03	-0.7607E+00	0.2626E-02	-0.2240E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.08		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1404E+02	0.0000E+00	0.1278E+02	0.0000E+00	0.1267E+02	0.0000E+00
1.	0.9437E+00	0.8781E+02	0.3276E+00	-0.9677E+02	0.3257E+00	-0.9761E+02
2.	0.7279E-01	-0.5975E+02	0.1180E+00	-0.4742E+02	0.9447E-01	-0.4226E+02
3.	0.5278E-01	-0.6228E+02	0.1189E+00	-0.2106E+02	0.8344E-01	-0.1911E+02
4.	0.1908E-01	0.1173E+03	0.7124E-01	0.5650E+01	0.5827E-01	0.3986E+01
5.	0.9792E-02	-0.1245E+03	0.4116E-01	-0.7490E+02	0.3170E-01	-0.7128E+02
6.	0.2539E-01	-0.2089E+02	0.4408E-01	-0.5400E+02	0.2666E-01	-0.5254E+02
7.	0.4820E-02	0.1794E+02	0.2603E-01	-0.7685E+01	0.1856E-01	-0.8002E+01
8.	0.1886E-01	-0.1606E+03	0.1590E-01	-0.1937E+02	0.1241E-01	-0.1322E+02
9.	0.1847E-01	-0.9613E+02	0.3390E-01	-0.7190E+02	0.2527E-01	-0.6613E+02
10.	0.2236E-01	-0.3800E+02	0.4541E-01	-0.6411E+02	0.3219E-01	-0.7168E+02
11.	0.1690E-01	0.2413E+02	0.2819E-01	-0.2258E+02	0.2023E-01	-0.2425E+02
12.	0.6537E-02	0.1151E+03	0.1916E-01	0.2139E+02	0.1506E-01	-0.2369E+02
13.	0.8106E-02	-0.1453E+03	0.8338E-02	0.4463E+02	0.8582E-02	0.6314E+02
14.	0.1193E-01	-0.6562E+02	0.7029E-02	-0.8120E+02	0.2721E-02	-0.8256E+02
15.	0.1204E-01	-0.2001E+02	0.1122E-01	-0.6861E+02	0.8717E-02	-0.6221E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.55	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1250E+02	0.0000E+00	0.1252E+02	0.0000E+00	0.1259E+02	0.0000E+00
1.	0.3344E+00	-0.9825E+02	0.1491E+00	-0.1057E+03	0.1010E+00	-0.1113E+03
2.	0.8014E-01	-0.3883E+02	0.4190E-01	-0.3689E+02	0.3102E-01	-0.3458E+02
3.	0.6222E-01	-0.1897E+02	0.3482E-01	-0.1682E+02	0.2746E-01	-0.2145E+02
4.	0.4500E-01	0.5757E+01	0.2789E-01	0.4954E+01	0.2232E-01	0.4048E+01
5.	0.2092E-01	-0.6765E+02	0.1448E-01	-0.6867E+02	0.1167E-01	-0.8136E+02
6.	0.1774E-01	-0.5285E+02	0.6912E-02	-0.3065E+02	0.4786E-02	-0.2788E+02
7.	0.1268E-01	-0.1014E+02	0.7528E-02	-0.1205E+02	0.4068E-02	-0.8510E+01
8.	0.1009E-01	-0.6047E+01	0.5387E-02	0.2573E+01	0.3922E-02	-0.1946E+02
9.	0.1565E-01	-0.6503E+02	0.1251E-01	-0.5119E+02	0.9454E-02	-0.4899E+02
10.	0.2183E-01	-0.7221E+02	0.1357E-01	-0.7028E+02	0.1001E-01	-0.7639E+02
11.	0.1502E-01	-0.2892E+02	0.5583E-02	-0.4848E+01	0.3724E-02	-0.9231E+01
12.	0.1182E-01	0.2433E+02	0.7324E-02	0.3949E+02	0.5211E-02	0.3636E+02
13.	0.7244E-02	0.6662E+02	0.4402E-02	0.8016E+02	0.3863E-02	0.7057E+02
14.	0.1614E-02	0.1468E+03	0.2504E-02	0.1121E+03	0.1516E-02	0.9965E+02
15.	0.5085E-02	-0.8068E+02	0.4176E-02	-0.2488E+02	0.3818E-02	-0.1746E+02

HARMONIC	FRACTN RADIUS 0.60 FRACTN OF CHORD 0.70		FRACTN RADIUS 0.60 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1254E+02	0.0000E+00	0.1268E+02	0.0000E+00
1.	0.6728E-01	-0.1292E+03	0.6944E-01	0.1152E+03
2.	0.2191E-01	-0.4692E+02	0.6883E-02	-0.7387E+02
3.	0.1915E-01	-0.2071E+02	0.9838E-02	-0.4390E+02
4.	0.1580E-01	0.1592E+02	0.1036E-01	-0.9616E+01
5.	0.5610E-02	-0.8089E+02	0.6276E-02	-0.1051E+03
6.	0.1655E-02	-0.8583E+02	0.4975E-02	0.8473E+02
7.	0.3071E-02	-0.4582E+02	0.4210E-02	-0.2700E+02
8.	0.2904E-02	-0.3099E+02	0.3204E-02	-0.2891E+02
9.	0.7262E-02	-0.4626E+02	0.5927E-02	-0.3881E+02
10.	0.6101E-02	-0.7341E+02	0.5113E-02	-0.1129E+03
11.	0.2779E-02	-0.9894E+01	0.1214E-02	0.1578E+03
12.	0.3017E-02	0.4244E+02	0.4318E-02	-0.6751E+01
13.	0.1950E-02	0.7663E+02	0.1736E-02	0.5776E+02
14.	0.1168E-02	0.1216E+03	0.3298E-02	0.1047E+03
15.	0.1957E-02	-0.2282E+02	0.4005E-02	0.2567E+02



Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1431E+02	0.0000E+00	0.1338E+02	0.0000E+00	0.1247E+02	0.0000E+00
1.	0.4495E+00	0.6250E+02	0.3331E+00	-0.6661E+02	0.8415E+00	-0.8610E+02
2.	0.2781E-01	-0.1037E+03	0.5684E-01	-0.1359E+03	0.5493E-01	-0.7915E+02
3.	0.1939E+00	-0.7799E+02	0.1782E+00	-0.6770E+02	0.1560E+00	-0.6412E+02
4.	0.6846E-01	-0.2788E+02	0.1135E+00	-0.3515E+02	0.1290E+00	-0.4400E+02
5.	0.1154E-01	-0.1181E+03	0.3874E-01	-0.1007E+03	0.5480E-01	-0.1175E+03
6.	0.5242E-01	-0.1256E+03	0.6831E-01	-0.1396E+03	0.3636E-01	-0.1397E+03
7.	0.4515E-01	-0.1063E+03	0.4027E-01	-0.1189E+03	0.3116E-01	-0.1085E+03
8.	0.1563E-01	-0.9862E+02	0.2438E-01	-0.6903E+02	0.2818E-01	-0.7432E+02
9.	0.7221E-02	-0.1596E+03	0.2111E-01	-0.1122E+03	0.3043E-01	-0.1095E+03
10.	0.3156E-01	-0.1555E+03	0.4856E-01	-0.1615E+03	0.5240E-01	-0.1721E+03
11.	0.3347E-01	-0.1352E+03	0.4081E-01	-0.1615E+03	0.3228E-01	-0.1721E+03
12.	0.1777E-01	-0.1010E+03	0.1448E-01	-0.1183E+03	0.1404E-01	-0.1262E+03
13.	0.2036E-01	0.1638E+02	0.2050E-01	-0.5626E+01	0.2097E-01	-0.6089E+01
14.	0.2259E-01	0.5245E+02	0.1690E-01	0.5541E+02	0.2332E-01	0.3480E+02
15.	0.1683E-01	0.1262E+03	0.2739E-01	0.1235E+03	0.1626E-01	0.1398E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1217E+02	0.0000E+00	0.1259E+02	0.0000E+00	0.1264E+02	0.0000E+00
1.	0.7098E+00	-0.9254E+02	0.3510E+00	-0.9327E+02	0.2850E+00	-0.9507E+02
2.	0.5642E-01	-0.7249E+02	0.2790E-01	-0.5645E+02	0.2080E-01	-0.6305E+02
3.	0.1125E+00	-0.6134E+02	0.4391E-01	-0.3404E+02	0.3902E-01	-0.3401E+02
4.	0.9487E-01	-0.3524E+02	0.3993E-01	-0.6271E+01	0.3517E-01	-0.8628E+01
5.	0.3325E-01	-0.9236E+02	0.1887E-01	-0.5206E+02	0.1803E-01	-0.6104E+02
6.	0.3496E-01	-0.1442E+03	0.1575E-01	-0.1036E+03	0.1362E-01	-0.1034E+03
7.	0.2072E-01	-0.1247E+03	0.6999E-02	-0.8982E+02	0.7257E-02	-0.9391E+02
8.	0.1667E-01	-0.6986E+02	0.6138E-02	-0.3392E+01	0.4321E-02	-0.2547E+02
9.	0.1803E-01	-0.9730E+02	0.9385E-02	-0.3380E+02	0.8633E-02	-0.3463E+02
10.	0.3157E-01	-0.1638E+03	0.1352E-01	-0.8516E+02	0.1219E-01	-0.8541E+02
11.	0.2173E-01	-0.1791E+03	0.1027E-01	-0.1014E+03	0.1055E-01	-0.1042E+03
12.	0.1182E-01	-0.1320E+03	0.3516E-02	-0.6012E+02	0.3160E-02	-0.6202E+02
13.	0.1408E-01	-0.2302E+02	0.5761E-02	0.5975E+02	0.5304E-02	0.6425E+02
14.	0.9398E-02	0.3792E+02	0.3081E-02	0.9597E+02	0.2946E-02	0.9312E+02
15.	0.1619E-01	0.1195E+03	0.5746E-02	-0.1436E+03	0.4405E-02	-0.1484E+03

HARMONIC	FRACTN RADIUS 0.75 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.75 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1272E+02	0.0000E+00	0.1285E+02	0.0000E+00
1.	0.1824E+00	-0.1020E+03	0.9623E-01	-0.1137E+03
2.	0.1637E-01	-0.6993E+02	0.1011E-01	-0.8210E+02
3.	0.3028E-01	-0.3763E+02	0.2234E-01	-0.3807E+02
4.	0.2910E-01	-0.9176E+01	0.2053E-01	-0.1410E+02
5.	0.1648E-01	-0.6844E+02	0.1432E-01	-0.8505E+02
6.	0.9045E-02	-0.1182E+03	0.6823E-02	-0.1251E+03
7.	0.5094E-02	-0.9565E+02	0.3605E-02	-0.1108E+03
8.	0.2570E-02	-0.1698E+02	0.1882E-02	-0.9880E+02
9.	0.7063E-02	-0.5012E+02	0.6200E-02	-0.4104E+02
10.	0.1130E-01	-0.9447E+02	0.8096E-02	-0.9587E+02
11.	0.7961E-02	-0.1089E+03	0.6037E-02	-0.1194E+03
12.	0.4001E-02	-0.7114E+02	0.4834E-02	-0.8752E+02
13.	0.4428E-02	0.6945E+02	0.2427E-02	0.9861E+02
14.	0.2302E-02	0.9882E+02	0.2060E-02	0.1053E+03
15.	0.2103E-02	-0.1190E+03	0.6142E-03	0.5811E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.86		FRACTN RADIUS 0.86		FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.01		FRACTN OF CHORD 0.03		FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1469E+02	0.0000E+00	0.1316E+02	0.0000E+00	0.1198E+02	0.0000E+00
1.	0.6017E+00	0.3167E+02	0.7179E+00	-0.0679E+02	0.1182E+01	-0.8245E+02
2.	0.1684E+00	0.1468E+03	0.1696E+00	0.1643E+03	0.4955E-01	0.1625E+03
3.	0.2449E+00	-0.8900E+02	0.1959E+00	-0.8689E+02	0.1500E+00	-0.8738E+02
4.	0.1034E+00	-0.8669E+02	0.1480E+00	-0.5493E+02	0.1611E+00	-0.5430E+02
5.	0.3074E-01	-0.4583E+02	0.6772E-01	-0.6223E+02	0.7690E-01	-0.6159E+02
6.	0.4267E-01	-0.1757E+03	0.5428E-01	-0.1644E+03	0.3932E-01	-0.1682E+03
7.	0.4658E-01	-0.1725E+03	0.5930E-01	0.1722E+03	0.5241E-01	0.1655E+03
8.	0.2400E-01	-0.1472E+03	0.1413E-01	-0.1701E+03	0.1432E-01	0.1753E+03
9.	0.9736E-02	0.4427E+01	0.2183E-01	-0.4114E+02	0.2258E-01	-0.5390E+02
10.	0.1147E-01	0.8324E+02	0.1222E-01	-0.1420E+03	0.1485E-01	-0.1584E+03
11.	0.1704E-01	0.1508E+03	0.3411E-01	0.1602E+03	0.3776E-01	0.1507E+03
12.	0.1230E-01	0.1796E+03	0.2902E-01	0.1445E+03	0.3438E-01	0.1599E+03
13.	0.1167E-01	0.4092E+02	0.2029E-01	0.5513E+02	0.1395E-01	0.5711E+02
14.	0.2680E-01	0.2525E+02	0.2793E-01	0.6825E+01	0.2377E-01	0.3940E+00
15.	0.1975E-01	0.2742E+02	0.1113E-01	-0.6599E+01	0.1366E-01	-0.4907E+02

HARMONIC	FRACTN RADIUS 0.86		FRACTN RADIUS 0.86		FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.15		FRACTN OF CHORD 0.35		FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1155E+02	0.0000E+00	0.1204E+02	0.0000E+00	0.1230E+02	0.0000E+00
1.	0.1135E+01	-0.8690E+02	0.6477E+00	-0.9377E+02	0.3981E+00	-0.9680E+02
2.	0.1059E-01	-0.3115E+02	0.2805E-01	-0.6500E+02	0.1658E-01	-0.1255E+03
3.	0.1103E+00	-0.8239E+02	0.4886E-01	-0.6558E+02	0.3364E-01	-0.8440E+02
4.	0.1376E+00	-0.5430E+02	0.5849E-01	-0.4955E+02	0.3720E-01	-0.4700E+02
5.	0.6959E-01	-0.6671E+02	0.3969E-01	-0.7478E+02	0.2926E-01	-0.8095E+02
6.	0.2069E-01	-0.1753E+03	0.1183E-01	-0.1328E+03	0.1451E-01	-0.1422E+03
7.	0.3798E-01	0.1607E+03	0.1403E-01	0.1607E+03	0.1105E-01	0.1641E+03
8.	0.1275E-01	0.1677E+03	0.3599E-02	0.1220E+03	0.3658E-02	0.9284E+02
9.	0.1962E-01	-0.6261E+02	0.9383E-02	-0.5341E+02	0.6891E-02	-0.4888E+02
10.	0.1722E-01	-0.1515E+03	0.8901E-02	-0.1362E+03	0.7708E-02	-0.1271E+03
11.	0.2548E-01	0.1553E+03	0.1481E-01	0.1678E+03	0.9965E-02	0.1685E+03
12.	0.2861E-01	0.1616E+03	0.1134E-01	0.1672E+03	0.8209E-02	0.1574E+03
13.	0.1208E-01	0.5385E+02	0.7703E-02	0.4617E+02	0.7146E-02	0.4579E+02
14.	0.2047E-01	-0.8070E+00	0.1140E-01	-0.3688E+01	0.8389E-02	-0.2918E+01
15.	0.1352E-01	-0.5775E+02	0.5971E-02	-0.4670E+02	0.4236E-02	-0.4519E+02

HARMONIC	FRACTN RADIUS 0.86		FRACTN RADIUS 0.86		FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.50		FRACTN OF CHORD 0.65		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1219E+02	0.0000E+00	0.1247E+02	0.0000E+00	0.1250E+02	0.0000E+00
1.	0.3237E+00	-0.9993E+02	0.2624E+00	-0.1011E+03	0.1489E+00	-0.1120E+03
2.	0.1688E-01	-0.1385E+03	0.1568E-01	-0.1472E+03	0.7195E-02	-0.1698E+03
3.	0.2830E-01	-0.6278E+02	0.2471E-01	-0.6007E+02	0.1508E-01	-0.5386E+02
4.	0.3082E-01	-0.4745E+02	0.2836E-01	-0.4891E+02	0.1719E-01	-0.5226E+02
5.	0.2636E-01	-0.8335E+02	0.2330E-01	-0.8840E+02	0.1796E-01	-0.1105E+03
6.	0.1527E-01	-0.1455E+03	0.1259E-01	-0.1501E+03	0.9427E-02	-0.1694E+03
7.	0.1094E-01	0.1640E+03	0.9477E-02	0.1650E+03	0.6976E-02	0.1606E+03
8.	0.4208E-02	0.1013E+03	0.3118E-02	0.1021E+03	0.7038E-03	0.6531E+02
9.	0.5586E-02	-0.3671E+02	0.5604E-02	-0.4914E+02	0.5074E-02	-0.6331E+02
10.	0.5862E-02	-0.1249E+03	0.5782E-02	-0.1305E+03	0.5267E-02	-0.1530E+03
11.	0.1106E-01	0.1635E+03	0.8304E-02	0.1666E+03	0.5464E-02	0.1437E+03
12.	0.8375E-02	0.1578E+03	0.6825E-02	0.1534E+03	0.4940E-02	0.1383E+03
13.	0.5325E-02	0.4853E+02	0.5855E-02	0.4339E+02	0.5321E-02	0.3163E+02
14.	0.7521E-02	-0.9395E+01	0.6919E-02	-0.8872E+00	0.5098E-02	-0.1814E+02
15.	0.4557E-02	-0.4138E+02	0.3825E-02	-0.5118E+02	0.4660E-02	-0.7474E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.86	
	FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1257E+02	0.0000E+00
1.	0.2114E-01	0.1473E+03
2.	0.1446E-01	0.1644E+03
3.	0.5193E-02	-0.3044E+02
4.	0.4269E-02	-0.6126E+01
5.	0.6090E-02	-0.1177E+03
6.	0.7723E-02	-0.1621E+03
7.	0.3660E-02	0.1769E+03
8.	0.1364E-02	0.5604E+02
9.	0.1727E-02	-0.1378E+02
10.	0.1588E-02	-0.1287E+03
11.	0.1826E-02	0.1611E+03
12.	0.2352E-02	0.1313E+03
13.	0.1664E-02	0.6254E+02
14.	0.1079E-02	-0.4467E+02
15.	0.1698E-02	-0.6950E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1434E+02	0.0000E+00	0.1274E+02	0.0000E+00	0.1141E+02	0.0000E+00
1.	0.4645E+00	0.6873E+01	0.1045E+01	-0.6356E+02	0.1516E+01	-0.7719E+02
2.	0.2151E+00	0.1667E+03	0.2017E+00	0.1766E+03	0.3441E-01	0.1766E+03
3.	0.2395E+00	-0.7162E+02	0.2210E+00	-0.7199E+02	0.1525E+00	-0.7375E+02
4.	0.1523E+00	-0.4718E+02	0.1973E+00	-0.3866E+02	0.1922E+00	-0.3549E+02
5.	0.7604E-01	-0.3134E+02	0.1236E+00	-0.3004E+02	0.1247E+00	-0.2104E+02
6.	0.3538E-01	-0.1384E+03	0.4695E-01	-0.1079E+03	0.2547E-01	-0.9751E+02
7.	0.5932E-01	-0.1430E+03	0.7642E-01	-0.1512E+03	0.6446E-01	-0.1604E+03
8.	0.3274E-01	-0.1290E+03	0.3180E-01	-0.1550E+03	0.2516E-01	-0.1603E+03
9.	0.1164E-01	-0.9743E+01	0.2674E-01	0.1458E+02	0.2655E-01	0.7209E+01
10.	0.6501E-02	-0.8556E+01	0.2418E-01	-0.2004E+02	0.2641E-01	-0.1604E+02
11.	0.1632E-01	-0.1492E+03	0.2272E-01	-0.1141E+03	0.2180E-01	-0.1045E+03
12.	0.2166E-01	-0.1202E+03	0.3309E-01	-0.1328E+03	0.3156E-01	-0.1375E+03
13.	0.1403E-01	0.1590E+03	0.2978E-01	0.1560E+03	0.2444E-01	0.1527E+03
14.	0.1900E-01	0.1062E+03	0.2925E-01	0.8406E+02	0.2833E-01	0.7931E+02
15.	0.1533E-01	0.6990E+02	0.2515E-01	0.4470E+02	0.2637E-01	0.4193E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1152E+02	0.0000E+00	0.1177E+02	0.0000E+00	0.1195E+02	0.0000E+00
1.	0.1209E+01	-0.8049E+02	0.1160E+01	-0.8915E+02	0.6602E+00	-0.9465E+02
2.	0.1568E-01	-0.3779E+02	0.5809E-01	-0.3156E+02	0.2077E-01	-0.6844E+02
3.	0.9290E-01	-0.6896E+02	0.6835E-01	-0.7509E+02	0.3538E-01	-0.6070E+02
4.	0.1315E+00	-0.3608E+02	0.1089E+00	-0.5754E+02	0.4648E-01	-0.5706E+02
5.	0.9495E-01	-0.2656E+02	0.8067E-01	-0.5870E+02	0.4568E-01	-0.7017E+02
6.	0.1617E-01	-0.8224E+02	0.1158E-01	-0.8038E+02	0.1658E-01	-0.1109E+03
7.	0.4090E-01	-0.1600E+03	0.2943E-01	0.1535E+03	0.1600E-01	0.1601E+03
8.	0.1772E-01	0.1798E+03	0.1247E-01	0.1328E+03	0.3454E-02	0.6311E+02
9.	0.2015E-01	0.1390E+02	0.1514E-01	-0.4834E+02	0.1130E-01	-0.4200E+02
10.	0.1959E-01	-0.3030E+02	0.1522E-01	-0.9463E+02	0.1084E-01	-0.9642E+02
11.	0.1738E-01	-0.1074E+03	0.1469E-01	-0.1711E+03	0.1058E-01	-0.1590E+03
12.	0.2003E-01	-0.1312E+03	0.1560E-01	0.1602E+03	0.1154E-01	-0.1345E+03
13.	0.1837E-01	0.1403E+03	0.1612E-01	0.6233E+02	0.1018E-01	0.8238E+02
14.	0.2423E-01	0.7940E+02	0.2088E-01	0.9640E+01	0.1259E-01	0.4651E+01
15.	0.1782E-01	0.4688E+02	0.1871E-01	-0.3822E+02	0.6476E-02	-0.4247E+02

HARMONIC	FRACTN RADIUS 0.91 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.91 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1257E+02	0.0000E+00	0.1236E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.5297E+00	-0.9607E+02	0.3776E+00	-0.9773E+02	0.3088E+00	-0.1005E+03
2.	0.1644E-01	-0.1143E+03	0.1398E-01	-0.1535E+03	0.1850E-01	-0.1679E+03
3.	0.3127E-01	-0.6280E+02	0.2495E-01	-0.5866E+02	0.2123E-01	-0.5729E+02
4.	0.3907E-01	-0.5570E+02	0.2994E-01	-0.5916E+02	0.2219E-01	-0.5622E+02
5.	0.3899E-01	-0.7410E+02	0.3305E-01	-0.8485E+02	0.2781E-01	-0.8486E+02
6.	0.1830E-01	-0.1200E+03	0.1625E-01	-0.1237E+03	0.1789E-01	-0.1322E+03
7.	0.1335E-01	0.1623E+03	0.1236E-01	0.1691E+03	0.1219E-01	0.1674E+03
8.	0.3912E-02	0.7552E+02	0.1648E-02	0.3705E+02	0.2012E-02	0.6689E+02
9.	0.9832E-02	-0.3459E+02	0.9487E-02	-0.4237E+02	0.7752E-02	-0.3510E+02
10.	0.9130E-02	-0.9753E+02	0.7812E-02	-0.1055E+03	0.6488E-02	-0.9607E+02
11.	0.1021E-01	-0.1623E+03	0.8217E-02	-0.1594E+03	0.8288E-02	-0.1628E+03
12.	0.1026E-01	0.1439E+03	0.8668E-02	0.1360E+03	0.8885E-02	0.1367E+03
13.	0.8581E-02	0.6488E+02	0.8197E-02	0.6237E+02	0.7080E-02	0.6812E+02
14.	0.1087E-01	0.4710E+01	0.9715E-02	0.5394E+01	0.7985E-02	0.1023E+01
15.	0.8289E-02	-0.4456E+02	0.6992E-02	-0.4678E+02	0.5119E-02	-0.5014E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.91		FRACTN RADIUS 0.91		FRACTN RADIUS 0.91	
	FRACTN OF CHORD 0.55		FRACTN OF CHORD 0.80		FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1224E+02	0.0000E+00	0.1265E+02	0.0000E+00	0.1254E+02	0.0000E+00
1.	0.2608E+00	-0.1038E+03	0.1944E+00	-0.1050E+03	0.1024E+00	-0.1195E+03
2.	0.1654E-01	-0.1723E+03	0.1809E-01	0.1780E+03	0.1684E-01	0.1602E+03
3.	0.2092E-01	-0.5703E+02	0.1758E-01	-0.6315E+02	0.1387E-01	-0.5459E+02
4.	0.2103E-01	-0.4867E+02	0.1861E-01	-0.5494E+02	0.1290E-01	-0.5087E+02
5.	0.2342E-01	-0.8992E+02	0.2078E-01	-0.9856E+02	0.1760E-01	-0.1141E+03
6.	0.1489E-01	-0.1461E+03	0.1497E-01	-0.1499E+03	0.1212E-01	-0.1635E+03
7.	0.9763E-02	0.1670E+03	0.8887E-02	0.1624E+03	0.7786E-02	0.1682E+03
8.	0.4144E-02	0.9406E+02	0.4021E-02	0.9440E+02	0.1991E-02	0.1086E+03
9.	0.6428E-02	-0.1949E+02	0.4358E-02	-0.2765E+02	0.4238E-02	-0.5088E+02
10.	0.4503E-02	-0.1015E+03	0.3793E-02	-0.1255E+03	0.3612E-02	-0.1405E+03
11.	0.7768E-02	0.1712E+03	0.7271E-02	0.1652E+03	0.5050E-02	0.1586E+03
12.	0.8170E-02	0.1536E+03	0.8144E-02	0.1591E+03	0.6141E-02	0.1446E+03
13.	0.6180E-02	0.6906E+02	0.4334E-02	0.5837E+02	0.4234E-02	0.5686E+02
14.	0.6852E-02	0.2240E+01	0.5267E-02	-0.3140E+01	0.5091E-02	-0.8398E+01
15.	0.6125E-02	-0.5618E+02	0.6408E-02	-0.7244E+02	0.5161E-02	-0.7633E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1395E+02	0.0000E+00	0.1171E+02	0.0000E+00	0.1147E+02	0.0000E+00
1.	0.6186E+00	-0.1819E+02	0.1470E+01	-0.6767E+02	0.1078E+01	-0.8790E+02
2.	0.3275E+00	0.1761E+03	0.2600E+00	-0.1776E+03	0.5671E-01	-0.4190E+02
3.	0.2623E+00	-0.7179E+02	0.2549E+00	-0.7796E+02	0.5545E-01	-0.5258E+02
4.	0.2052E+00	-0.5061E+02	0.2460E+00	-0.3738E+02	0.8199E-01	-0.3705E+02
5.	0.1277E+00	-0.3172E+02	0.1697E+00	-0.2387E+02	0.7150E-01	-0.3698E+02
6.	0.4657E-01	-0.1154E+03	0.5398E-01	-0.8411E+02	0.2075E-01	-0.4237E+02
7.	0.7533E-01	-0.1559E+03	0.8656E-01	-0.1592E+03	0.1443E-01	-0.1725E+03
8.	0.3813E-01	-0.1546E+03	0.5265E-01	-0.1733E+03	0.1633E-01	0.1497E+03
9.	0.2279E-01	-0.1264E+01	0.3039E-01	0.1838E+02	0.9676E-02	0.3190E+02
10.	0.3429E-01	-0.1231E+01	0.5335E-01	0.3823E+01	0.1277E-01	-0.3403E+02
11.	0.4685E-02	-0.8654E+02	0.2517E-01	-0.5242E+02	0.1265E-01	-0.8773E+02
12.	0.2425E-01	-0.1470E+03	0.3338E-01	-0.1307E+03	0.1222E-01	-0.1134E+03
13.	0.2806E-01	0.1620E+03	0.3776E-01	0.1644E+03	0.1392E-01	0.1450E+03
14.	0.2540E-01	0.1011E+03	0.3549E-01	0.1029E+03	0.1695E-01	0.9197E+02
15.	0.2714E-01	0.5402E+02	0.4074E-01	0.4873E+02	0.1899E-01	0.4653E+02

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.95 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1202E+02	0.0000E+00	0.1220E+02	0.0000E+00	0.1257E+02	0.0000E+00
1.	0.4654E+00	-0.9074E+02	0.3078E+00	-0.9849E+02	0.8588E-01	-0.1026E+03
2.	0.1283E-02	-0.7423E+02	0.1704E-01	0.1550E+03	0.1921E-01	0.1101E+03
3.	0.3131E-01	-0.4474E+02	0.2037E-01	-0.3404E+02	0.1453E-01	-0.6184E+01
4.	0.3661E-01	-0.3653E+02	0.1651E-01	-0.2639E+02	0.4668E-02	-0.2265E+02
5.	0.3391E-01	-0.6301E+02	0.2067E-01	-0.6723E+02	0.1593E-01	-0.1097E+03
6.	0.6977E-02	-0.7739E+02	0.1129E-01	-0.1134E+03	0.8362E-02	-0.1502E+03
7.	0.6762E-02	-0.1445E+03	0.8691E-02	-0.1541E+03	0.4928E-02	-0.1533E+03
8.	0.5826E-02	0.1488E+03	0.4316E-02	0.1154E+03	0.1040E-02	0.5854E+02
9.	0.1017E-01	0.1223E+02	0.7199E-02	0.2757E+02	0.4364E-02	-0.6922E+01
10.	0.5216E-02	-0.5139E+02	0.4449E-02	-0.3452E+02	0.2618E-02	-0.9131E+02
11.	0.7875E-02	-0.1330E+03	0.5350E-02	-0.1192E+03	0.4533E-02	0.1761E+03
12.	0.7364E-02	-0.1207E+03	0.7221E-02	-0.1498E+03	0.4902E-02	-0.1656E+03
13.	0.9656E-02	0.1481E+03	0.5897E-02	0.1393E+03	0.4350E-02	0.1259E+03
14.	0.9397E-02	0.8942E+02	0.6859E-02	0.8095E+02	0.4174E-02	0.5656E+02
15.	0.1460E-01	0.3467E+02	0.6911E-02	0.2933E+02	0.5445E-02	-0.9906E+01

HARMONIC	FRACTN RADIUS 0.95 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1284E+02	0.0000E+00
1.	0.1387E+00	0.8941E+02
2.	0.2120E-01	0.1580E+03
3.	0.1096E-01	-0.5263E+01
4.	0.4097E-02	0.4771E+02
5.	0.1108E-01	-0.1489E+03
6.	0.7981E-02	-0.1480E+03
7.	0.4524E-02	-0.1289E+03
8.	0.1746E-02	-0.2178E+02
9.	0.2228E-02	-0.1062E+02
10.	0.1285E-02	-0.9569E+02
11.	0.1426E-02	-0.1733E+03
12.	0.3395E-02	0.1691E+03
13.	0.2647E-02	0.1267E+03
14.	0.1359E-02	0.9280E+02
15.	0.2453E-02	-0.4079E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.08	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1417E+02	0.0000E+00	0.1220E+02	0.0000E+00	0.1093E+02	0.0000E+00
1.	0.5010E+00	-0.1016E+02	0.1300E+01	-0.7899E+02	0.1695E+01	-0.8974E+02
2.	0.3300E+00	0.1634E+03	0.2631E+00	0.1691E+03	0.5080E-01	-0.8044E+02
3.	0.2114E+00	-0.9731E+02	0.2147E+00	-0.1051E+03	0.1210E+00	-0.1086E+03
4.	0.1803E+00	-0.8289E+02	0.2178E+00	-0.7814E+02	0.2024E+00	-0.7854E+02
5.	0.1134E+00	-0.7339E+02	0.1643E+00	-0.7068E+02	0.1652E+00	-0.6261E+02
6.	0.4719E-01	-0.1682E+03	0.4593E-01	-0.1318E+03	0.2823E-01	-0.4986E+02
7.	0.8033E-01	0.1470E+03	0.8014E-01	0.1374E+03	0.6321E-01	0.1212E+03
8.	0.4466E-01	0.1338E+03	0.5588E-01	0.1132E+03	0.4810E-01	0.1092E+03
9.	0.1606E-01	-0.6373E+02	0.1955E-01	-0.4764E+02	0.1142E-01	-0.7772E+02
10.	0.3329E-01	-0.7599E+02	0.4811E-01	-0.8908E+02	0.3740E-01	-0.1013E+03
11.	0.3437E-02	-0.1628E+03	0.2625E-01	-0.1410E+03	0.2640E-01	-0.1378E+03
12.	0.2942E-01	0.1161E+03	0.3355E-01	0.1185E+03	0.2181E-01	0.1314E+03
13.	0.3562E-01	0.7259E+02	0.4588E-01	0.6158E+02	0.3182E-01	0.5019E+02
14.	0.2363E-01	0.1693E+02	0.3362E-01	-0.5198E+00	0.3125E-01	-0.5624E+01
15.	0.2269E-01	-0.6109E+02	0.3657E-01	-0.7738E+02	0.3372E-01	-0.7622E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.15		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.25	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1103E+02	0.0000E+00	0.1087E+02	0.0000E+00	0.1175E+02	0.0000E+00
1.	0.1259E+01	-0.9399E+02	0.1329E+01	-0.8991E+02	0.9807E+00	-0.9116E+02
2.	0.5517E-01	-0.8288E+02	0.8922E-01	-0.3359E+02	0.5898E-01	-0.3234E+02
3.	0.7940E-01	-0.9327E+02	0.5296E-01	-0.5787E+02	0.4368E-01	-0.5691E+02
4.	0.1206E+00	-0.7448E+02	0.9377E-01	-0.4860E+02	0.6870E-01	-0.4489E+02
5.	0.9824E-01	-0.7184E+02	0.8958E-01	-0.4021E+02	0.6083E-01	-0.5231E+02
6.	0.2413E-01	-0.8359E+02	0.2593E-01	-0.3387E+02	0.1844E-01	-0.3177E+02
7.	0.2718E-01	0.1202E+03	0.1961E-01	0.1559E+03	0.9391E-02	0.1624E+03
8.	0.2779E-01	0.8781E+02	0.2271E-01	0.1371E+03	0.1094E-01	0.1190E+03
9.	0.8202E-02	-0.2785E+02	0.9774E-02	0.2731E+02	0.8694E-02	0.1677E+02
10.	0.2112E-01	-0.1130E+03	0.1962E-01	-0.4430E+02	0.1283E-01	-0.7129E+02
11.	0.1790E-01	-0.1546E+03	0.1805E-01	-0.8510E+02	0.9136E-02	-0.1623E+03
12.	0.1803E-01	0.1388E+03	0.1295E-01	-0.1400E+03	0.1071E-01	-0.1264E+03
13.	0.2038E-01	0.4412E+02	0.1725E-01	0.1246E+03	0.1238E-01	0.1111E+03
14.	0.2255E-01	-0.1700E+02	0.2133E-01	0.7141E+02	0.1630E-01	0.7417E+02
15.	0.2392E-01	-0.7908E+02	0.2205E-01	0.1961E+02	0.1934E-01	0.1413E+02

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.35		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.45	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1185E+02	0.0000E+00	0.1208E+02	0.0000E+00	0.1225E+02	0.0000E+00
1.	0.5916E+00	-0.9161E+02	0.4159E+00	-0.9322E+02	0.3347E+00	-0.9293E+02
2.	0.8889E-02	0.2512E+02	0.1537E-01	0.1093E+03	0.2427E-01	0.1087E+03
3.	0.2542E-01	-0.4928E+02	0.2131E-01	-0.5308E+02	0.1963E-01	-0.4609E+02
4.	0.2898E-01	-0.4289E+02	0.1887E-01	-0.4396E+02	0.1540E-01	-0.4683E+02
5.	0.3147E-01	-0.5437E+02	0.2288E-01	-0.6873E+02	0.1994E-01	-0.7997E+02
6.	0.1222E-01	-0.8369E+02	0.1087E-01	-0.1092E+03	0.9230E-02	-0.1273E+03
7.	0.8407E-02	-0.1774E+03	0.7701E-02	-0.1770E+03	0.6666E-02	-0.1799E+03
8.	0.6725E-02	0.1038E+03	0.4876E-02	0.1007E+03	0.3539E-02	0.8635E+02
9.	0.7670E-02	0.2136E+02	0.7067E-02	0.9709E+01	0.6234E-02	-0.2419E+01
10.	0.6398E-02	-0.4918E+02	0.3789E-02	-0.6635E+02	0.4610E-02	-0.8419E+02
11.	0.7318E-02	-0.1168E+03	0.6780E-02	-0.1324E+03	0.5418E-02	-0.1498E+03
12.	0.8222E-02	-0.1509E+03	0.7533E-02	-0.1650E+03	0.7030E-02	-0.1618E+03
13.	0.6946E-02	0.1194E+03	0.6323E-02	0.1162E+03	0.6381E-02	0.1170E+03
14.	0.9304E-02	0.5931E+02	0.6981E-02	0.4398E+02	0.6197E-02	0.4939E+02
15.	0.9591E-02	0.1129E+02	0.8272E-02	-0.6944E+00	0.8483E-02	-0.1484E+02

Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.50		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.97 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1208E+02	0.0000E+00	0.1268E+02	0.0000E+00	0.1251E+02	0.0000E+00
1.	0.2467E+00	-0.9270E+02	0.1159E-12	0.1678E+03	0.6785E-01	-0.9765E+02
2.	0.2844E-01	0.1076E+03	0.5031E-14	-0.9219E+02	0.2799E-01	0.9259E+02
3.	0.1685E-01	-0.3655E+02	0.2375E-13	0.1777E+03	0.1577E-01	-0.2480E+01
4.	0.7323E-02	-0.4034E+02	0.2101E-14	-0.1381E+03	0.3839E-02	0.1002E+03
5.	0.1408E-01	-0.8415E+02	0.6150E-14	0.2659E+01	0.8658E-02	-0.1275E+03
6.	0.1163E-01	-0.1310E+03	0.2398E-14	-0.7128E+02	0.8964E-02	-0.1512E+03
7.	0.7268E-02	-0.1794E+03	0.4729E-14	-0.1717E+03	0.4127E-02	-0.1702E+03
8.	0.3158E-02	0.8183E+02	0.6519E-14	-0.1797E+03	0.2256E-02	0.6290E+02
9.	0.5429E-02	0.2155E+01	0.7847E-15	-0.3884E+02	0.3664E-02	0.1290E+02
10.	0.3577E-02	-0.6808E+02	0.3588E-14	-0.1791E+03	0.1384E-02	-0.7273E+02
11.	0.4508E-02	-0.1441E+03	0.6346E-15	-0.1547E+03	0.3065E-02	-0.1715E+03
12.	0.6591E-02	-0.1741E+03	0.1013E-14	-0.1685E+03	0.4109E-02	-0.1586E+03
13.	0.4668E-02	0.1159E+03	0.2017E-14	0.1763E+03	0.2916E-02	0.1412E+03
14.	0.4679E-02	0.4648E+02	0.2836E-14	0.1726E+03	0.2394E-02	0.6426E+02
15.	0.5947E-02	-0.2092E+02	0.2576E-14	0.1763E+03	0.3933E-02	0.5259E+00

HARMONIC	FRACTN RADIUS 0.97 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1247E+02	0.0000E+00
1.	0.1264E+00	0.8170E+02
2.	0.2450E-01	0.9140E+02
3.	0.8711E-02	0.8992E+01
4.	0.7681E-02	0.1270E+03
5.	0.1253E-01	-0.1663E+03
6.	0.8898E-02	-0.1755E+03
7.	0.3399E-02	-0.1514E+03
8.	0.2223E-02	-0.1803E+02
9.	0.1695E-02	-0.2750E+02
10.	0.1669E-02	-0.1535E+03
11.	0.3596E-02	0.1697E+03
12.	0.2915E-02	0.1605E+03
13.	0.2153E-02	0.1289E+03
14.	0.1719E-02	0.1312E+02
15.	0.2777E-02	-0.4412E+02



Table IV-13b. Continued

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.01		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.03		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.15	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1385E+02	0.0000E+00	0.1173E+02	0.0000E+00	0.1101E+02	0.0000E+00
1.	0.3021E+00	-0.1399E+02	0.1231E+01	-0.8216E+02	0.9609E+00	-0.9799E+02
2.	0.3377E+00	-0.1753E+03	0.2381E+00	-0.1617E+03	0.5211E-01	-0.8004E+02
3.	0.1843E+00	-0.8136E+02	0.1849E+00	-0.8410E+02	0.5398E-01	-0.5932E+02
4.	0.1878E+00	-0.5571E+02	0.2029E+00	-0.4815E+02	0.7909E-01	-0.4511E+02
5.	0.1258E+00	-0.4486E+02	0.1553E+00	-0.3425E+02	0.6385E-01	-0.4220E+02
6.	0.4611E-01	-0.1236E+03	0.4099E-01	-0.7645E+02	0.1556E-01	-0.2900E+02
7.	0.8081E-01	-0.1710E+03	0.6485E-01	-0.1687E+03	0.9958E-02	0.1659E+03
8.	0.4709E-01	0.1714E+03	0.5006E-01	0.1622E+03	0.1356E-01	0.1367E+03
9.	0.2179E-01	0.9918E+01	0.1973E-01	0.2744E+02	0.9765E-02	0.2145E+02
10.	0.4127E-01	-0.1310E+02	0.4616E-01	-0.1141E+02	0.1236E-01	-0.4744E+02
11.	0.7973E-02	0.7770E+02	0.2063E-01	-0.5330E+02	0.1117E-01	-0.8079E+02
12.	0.2956E-01	-0.1647E+03	0.2661E-01	-0.1433E+03	0.1245E-01	-0.1256E+03
13.	0.4747E-01	0.1518E+03	0.4586E-01	0.1518E+03	0.1488E-01	0.1419E+03
14.	0.3351E-01	0.1067E+03	0.4136E-01	0.1094E+03	0.1722E-01	0.8105E+02
15.	0.3435E-01	0.3975E+02	0.3858E-01	0.4950E+02	0.1637E-01	0.2973E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.20		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.25		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.35	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1082E+02	0.0000E+00	0.1065E+02	0.0000E+00	0.1191E+02	0.0000E+00
1.	0.9520E+00	-0.9707E+02	0.7299E+00	-0.9553E+02	0.4220E+00	-0.9455E+02
2.	0.7326E-01	-0.2026E+02	0.3634E-01	0.7255E+00	0.5552E-01	0.5721E+02
3.	0.3124E-01	-0.3274E+02	0.2510E-01	-0.3531E+02	0.2448E-01	-0.4710E+02
4.	0.5407E-01	-0.4959E+02	0.2964E-01	-0.4510E+02	0.8195E-02	-0.6111E+02
5.	0.5045E-01	-0.4304E+02	0.3008E-01	-0.4173E+02	0.9213E-02	-0.8963E+02
6.	0.1519E-01	-0.2535E+01	0.1054E-01	-0.3708E+02	0.3393E-02	0.5323E+02
7.	0.7240E-02	0.1211E+03	0.4340E-02	0.1145E+03	0.3925E-02	0.3860E+02
8.	0.1129E-01	0.1170E+03	0.7756E-02	0.9344E+02	0.5512E-02	-0.7588E+01
9.	0.5281E-02	0.8471E+01	0.5165E-02	0.1829E+02	0.5478E-02	-0.6014E+02
10.	0.1064E-01	-0.6430E+02	0.7168E-02	-0.6379E+02	0.4291E-02	-0.1460E+03
11.	0.7918E-02	-0.8495E+02	0.7880E-02	-0.1027E+03	0.1895E-02	0.1060E+03
12.	0.9095E-02	-0.1274E+03	0.6792E-02	-0.1229E+03	0.2838E-02	0.1203E+03
13.	0.8152E-02	0.1256E+03	0.5149E-02	0.1147E+03	0.3449E-02	0.2397E+02
14.	0.1324E-01	0.8038E+02	0.8797E-02	0.5955E+02	0.5139E-02	-0.1690E+02
15.	0.1479E-01	0.2557E+02	0.8494E-02	0.2027E+02	0.6188E-02	-0.8504E+02

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.40		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.45		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1209E+02	0.0000E+00	0.1203E+02	0.0000E+00	0.1201E+02	0.0000E+00
1.	0.2875E+00	-0.8882E+02	0.2409E+00	-0.8235E+02	0.1762E+00	-0.7906E+02
2.	0.8239E-01	0.6774E+02	0.7216E-01	0.6824E+02	0.7270E-01	0.8234E+02
3.	0.2332E-01	-0.5124E+02	0.2733E-01	-0.4732E+02	0.2944E-01	-0.4707E+02
4.	0.2652E-02	-0.1147E+03	0.4473E-02	0.1584E+03	0.5290E-02	0.1476E+03
5.	0.4576E-02	-0.1240E+03	0.4968E-02	0.1788E+03	0.7859E-02	0.1568E+03
6.	0.3342E-02	0.9451E+02	0.4870E-02	0.1129E+03	0.6970E-02	0.1135E+03
7.	0.3943E-02	0.5596E+02	0.4109E-02	0.4375E+02	0.4026E-02	0.5468E+02
8.	0.2907E-02	-0.1001E+02	0.2676E-02	-0.6131E+01	0.2517E-02	-0.2755E+02
9.	0.4080E-02	-0.6485E+02	0.3886E-02	-0.7484E+02	0.2120E-02	-0.9162E+02
10.	0.1944E-02	0.1794E+03	0.2118E-02	0.1440E+03	0.2690E-02	0.1399E+03
11.	0.3602E-02	0.1036E+03	0.3636E-02	0.9169E+02	0.7100E-02	0.6119E+02
12.	0.1757E-02	0.1472E+03	0.1122E-02	0.9090E+02	0.1373E-02	0.1343E+03
13.	0.3027E-02	0.9867E+01	0.3404E-02	-0.7680E-01	0.3735E-02	-0.3932E+02
14.	0.3553E-02	-0.4835E+02	0.2868E-02	-0.4746E+02	0.2100E-02	-0.4193E+02
15.	0.4851E-02	-0.8218E+02	0.3713E-02	-0.9291E+02	0.4255E-02	-0.1103E+03

Table IV-13b. Concluded

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.55		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.60		FRACTN RADIUS 0.99 FRACTN OF CHORD 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1231E+02	0.0000E+00	0.1252E+02	0.0000E+00	0.1256E+02	0.0000E+00
1.	0.1477E+00	-0.7287E+02	0.1286E+00	-0.8581E+02	0.8063E-01	-0.4619E+02
2.	0.7720E-01	0.5846E+02	0.8029E-01	0.5386E+02	0.7930E-01	0.5034E+02
3.	0.3326E-01	-0.4224E+02	0.3556E-01	-0.4090E+02	0.3249E-01	-0.2613E+02
4.	0.7987E-02	0.1302E+03	0.8777E-02	0.1274E+03	0.1403E-01	0.1158E+03
5.	0.1068E-01	0.1435E+03	0.1331E-01	0.1400E+03	0.1735E-01	0.1280E+03
6.	0.8397E-02	0.1009E+03	0.8486E-02	0.1012E+03	0.9240E-02	0.1034E+03
7.	0.4808E-02	0.5460E+02	0.5228E-02	0.4458E+02	0.5729E-02	0.4309E+02
8.	0.2644E-02	-0.4200E+02	0.3050E-02	-0.2069E+02	0.5198E-02	-0.2251E+02
9.	0.3403E-02	-0.8843E+02	0.2577E-02	-0.8236E+02	0.4180E-02	-0.9093E+02
10.	0.2700E-02	0.1271E+03	0.3701E-02	0.1157E+03	0.2314E-02	0.1353E+03
11.	0.5248E-02	0.5927E+02	0.7186E-02	0.6295E+02	0.5561E-02	0.7588E+02
12.	0.2853E-02	0.3851E+02	0.9633E-03	0.5874E+02	0.3238E-02	0.4471E+02
13.	0.2510E-02	-0.1804E+02	0.2887E-02	-0.3660E+02	0.2868E-02	-0.1410E+02
14.	0.3018E-02	-0.7081E+02	0.2424E-02	-0.7689E+02	0.3396E-02	-0.1003E+03
15.	0.2777E-02	-0.9501E+02	0.4102E-02	-0.1093E+03	0.3819E-02	-0.1189E+03

HARMONIC	FRACTN RADIUS 0.99 FRACTN OF CHORD 0.92	
	AMPLITUDE	PHASE
0.	0.1266E+02	0.0000E+00
1.	0.1294E+00	0.5187E+02
2.	0.5062E-01	0.7082E+02
3.	0.3931E-01	-0.1788E+02
4.	0.3738E-01	0.1273E+03
5.	0.1279E-01	-0.1789E+03
6.	0.1800E-01	0.1122E+03
7.	0.4138E-02	-0.6194E+02
8.	0.3073E-02	-0.2771E+02
9.	0.4120E-02	-0.1340E+03
10.	0.4452E-02	0.1623E+03
11.	0.3377E-02	0.6555E+02
12.	0.3169E-02	0.4865E+02
13.	0.1270E-02	0.3859E+02
14.	0.4426E-02	-0.1012E+03
15.	0.3087E-02	-0.1297E+03

Table IV-14. Harmonic beamwise loads data, 159 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1402E+05	0.0000E+00	0.3657E+04	0.0000E+00	0.7918E+04	0.0000E+00
1.	0.2448E+04	-0.1549E+03	0.5197E+04	-0.1618E+03	0.1846E+05	-0.6196E+02
2.	0.5049E+04	-0.9475E+02	0.3498E+04	-0.2592E+02	0.6547E+04	0.1722E+03
3.	0.1850E+04	0.8213E+02	0.2846E+04	0.7995E+02	0.1585E+04	-0.1096E+03
4.	0.7615E+03	-0.1780E+03	0.3622E+03	0.1273E+02	0.6541E+03	0.1486E+03
5.	0.1841E+03	0.1094E+02	0.3642E+03	0.7405E+01	0.1198E+03	-0.2989E-01
6.	0.1249E+03	0.1964E+02	0.1264E+03	-0.9590E+00	0.2882E+03	0.1107E+03
7.	0.5551E+03	0.1726E+03	0.8579E+03	0.1783E+03	0.9866E+03	0.1666E+03
8.	0.2558E+03	-0.9886E+01	0.3090E+02	-0.6242E+02	0.1084E+04	-0.1758E+03
9.	0.1628E+03	0.1361E+03	0.1406E+03	0.1225E+02	0.5309E+03	-0.4396E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.4954E+04	0.0000E+00	0.1637E+04	0.0000E+00	-0.2651E+04	0.0000E+00
1.	0.1280E+05	-0.6294E+02	0.1070E+05	-0.6095E+02	0.9383E+04	-0.6199E+02
2.	0.4392E+04	0.1463E+03	0.4141E+04	0.1327E+03	0.3498E+04	0.1232E+03
3.	0.7273E+03	0.8845E+02	0.2368E+04	0.7541E+02	0.3956E+04	0.7576E+02
4.	0.4013E+03	0.3170E+02	0.6993E+03	0.1163E+02	0.7259E+03	0.1306E+02
5.	0.3284E+03	-0.2642E+02	0.4016E+03	-0.2102E+02	0.1481E+03	0.4195E+01
6.	0.9925E+02	-0.7933E+02	0.2043E+03	-0.7746E+02	0.8416E+02	-0.4279E+02
7.	0.3658E+03	0.2312E+00	0.1149E+04	-0.1380E+02	0.1001E+04	-0.1066E+02
8.	0.3453E+03	0.1545E+03	0.2504E+03	0.1205E+02	0.5031E+03	0.1538E+01
9.	0.2209E+03	-0.9415E+02	0.1210E+03	0.1592E+03	0.3084E+03	0.1077E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3157E+04	0.0000E+00	-0.3271E+04	0.0000E+00	0.5948E+03	0.0000E+00
1.	0.6958E+04	-0.7186E+02	0.4413E+04	-0.8878E+02	0.1631E+04	-0.1227E+03
2.	0.2655E+04	0.1297E+03	0.2064E+04	0.1324E+03	0.1122E+04	0.1331E+03
3.	0.6203E+04	0.7891E+02	0.5400E+04	0.7586E+02	0.2551E+04	0.7221E+02
4.	0.8271E+03	0.6432E+02	0.9116E+03	0.8212E+02	0.5876E+03	0.8864E+02
5.	0.1039E+04	0.1771E+03	0.1329E+04	0.1742E+03	0.7664E+03	0.1716E+03
6.	0.1438E+03	0.1682E+03	0.2365E+03	0.1687E+03	0.1752E+03	-0.1739E+03
7.	0.9343E+03	-0.1794E+03	0.1665E+04	-0.1785E+03	0.1012E+04	-0.1790E+03
8.	0.3122E+03	-0.1674E+03	0.7774E+03	-0.1651E+03	0.4940E+03	-0.1667E+03
9.	0.1405E+03	-0.3440E+02	0.5426E+03	-0.5676E+02	0.3317E+03	-0.5685E+02

Table IV-15. Harmonic beamwise loads data, 146 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1507E+05	0.0000E+00	0.3095E+04	0.0000E+00	0.5844E+04	0.0000E+00
1.	0.3057E+04	-0.1541E+03	0.5213E+04	-0.1517E+03	0.1315E+05	-0.6187E+02
2.	0.3916E+04	-0.8363E+02	0.3373E+04	-0.2505E+02	0.5670E+04	0.1625E+03
3.	0.8745E+03	0.4497E+02	0.1272E+04	0.6770E+02	0.8976E+03	-0.1011E+03
4.	0.9349E+03	-0.1632E+03	0.9058E+02	0.6525E+02	0.7941E+03	0.7442E+02
5.	0.2655E+03	0.3642E+02	0.3171E+03	0.4227E+02	0.3521E+03	0.1348E+03
6.	0.1135E+03	-0.8564E+02	0.1645E+03	-0.5487E+02	0.2201E+03	0.1000E+03
7.	0.9551E+03	-0.1521E+03	0.1042E+04	-0.1499E+03	0.1183E+04	0.1745E+03
8.	0.2737E+03	0.1915E+01	0.8436E+02	-0.8718E+02	0.1083E+04	-0.1604E+03
9.	0.5613E+03	0.1214E+03	0.2526E+03	0.9582E+02	0.8399E+03	-0.6379E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.3354E+04	0.0000E+00	0.1754E+04	0.0000E+00	-0.2388E+04	0.0000E+00
1.	0.9808E+04	-0.6276E+02	0.8757E+04	-0.6115E+02	0.7995E+04	-0.6326E+02
2.	0.3810E+04	0.1388E+03	0.3644E+04	0.1263E+03	0.3180E+04	0.1177E+03
3.	0.3841E+03	0.5632E+02	0.1478E+04	0.6822E+02	0.2645E+04	0.7757E+02
4.	0.7900E+03	0.3141E+02	0.7804E+03	0.1077E+02	0.5065E+03	0.4113E+01
5.	0.2455E+02	0.8890E+02	0.1832E+03	-0.1819E+02	0.1452E+03	0.4671E+01
6.	0.9646E+02	-0.5908E+02	0.2111E+03	-0.7453E+02	0.9379E+02	-0.2707E+02
7.	0.4705E+03	0.4386E+02	0.1310E+04	0.1742E+02	0.1192E+04	0.1708E+02
8.	0.4608E+03	0.1743E+03	0.1866E+03	0.5842E+02	0.4879E+03	0.2301E+02
9.	0.4439E+03	-0.9286E+02	0.1235E+03	-0.1699E+03	0.4572E+03	0.1050E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3227E+04	0.0000E+00	-0.3584E+04	0.0000E+00	0.1136E+04	0.0000E+00
1.	0.5845E+04	-0.7559E+02	0.3638E+04	-0.9315E+02	0.1288E+04	-0.1302E+03
2.	0.2559E+04	0.1202E+03	0.1970E+04	0.1216E+03	0.1020E+04	0.1201E+03
3.	0.4459E+04	0.8243E+02	0.4029E+04	0.8016E+02	0.1955E+04	0.7626E+02
4.	0.4011E+03	0.1437E+03	0.7277E+03	0.1391E+03	0.4688E+03	0.1332E+03
5.	0.7280E+03	-0.1695E+03	0.1077E+04	-0.1742E+03	0.6193E+03	-0.1775E+03
6.	0.8260E+02	-0.1572E+03	0.1953E+03	-0.1499E+03	0.1422E+03	-0.1528E+03
7.	0.1050E+04	-0.1539E+03	0.2016E+04	-0.1580E+03	0.1173E+04	-0.1584E+03
8.	0.2775E+03	-0.1371E+03	0.7695E+03	-0.1457E+03	0.4972E+03	-0.1523E+03
9.	0.1562E+03	-0.4501E+02	0.7407E+03	-0.6313E+02	0.4731E+03	-0.6196E+02

Table IV-16. Harmonic beamwise loads data, 129 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1800E+05	0.0000E+00	0.2012E+04	0.0000E+00	0.4664E+04	0.0000E+00
1.	0.2903E+04	-0.1471E+03	0.4802E+04	-0.1430E+03	0.1016E+05	-0.5958E+02
2.	0.3246E+04	-0.5925E+02	0.3414E+04	-0.1554E+02	0.4662E+04	0.1671E+03
3.	0.5759E+03	0.2733E+02	0.7336E+03	0.5276E+02	0.1224E+04	-0.4712E+02
4.	0.7999E+03	-0.1571E+03	0.8698E+02	0.8629E+02	0.7036E+03	0.5726E+02
5.	0.3887E+03	0.8555E+02	0.4430E+03	0.7450E+02	0.8593E+03	0.1035E+03
6.	0.7842E+02	-0.5560E+02	0.1254E+03	-0.3888E+02	0.4517E+03	0.1127E+03
7.	0.9220E+03	-0.1364E+03	0.1090E+04	-0.1436E+03	0.1186E+04	-0.1717E+03
8.	0.1985E+03	0.4356E+02	0.2378E+02	-0.8806E+02	0.7460E+03	-0.1324E+03
9.	0.2974E+03	0.1499E+03	0.2146E+03	0.1184E+03	0.5551E+03	-0.2847E+01

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2590E+04	0.0000E+00	0.1687E+04	0.0000E+00	-0.2393E+04	0.0000E+00
1.	0.7920E+04	-0.6172E+02	0.7303E+04	-0.6077E+02	0.6699E+04	-0.6388E+02
2.	0.3213E+04	0.1442E+03	0.3191E+04	0.1334E+03	0.2975E+04	0.1262E+03
3.	0.7381E+03	0.1070E+01	0.1090E+04	0.5027E+02	0.1864E+04	0.8193E+02
4.	0.7508E+03	0.3055E+02	0.7138E+03	0.1488E+02	0.3733E+03	0.8126E+01
5.	0.2312E+03	0.9128E+02	0.1287E+03	0.4114E+02	0.6738E+02	0.4022E+01
6.	0.7867E+02	0.6898E+02	0.1499E+03	-0.5898E+02	0.6928E+02	-0.7822E+02
7.	0.5013E+03	0.4819E+02	0.1421E+04	0.2519E+02	0.1263E+04	0.2346E+02
8.	0.2857E+03	-0.1680E+03	0.1852E+03	0.8948E+02	0.3472E+03	0.5846E+02
9.	0.3106E+03	-0.4899E+02	0.7331E+02	-0.1042E+03	0.2926E+03	0.1353E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3394E+04	0.0000E+00	-0.3694E+04	0.0000E+00	0.1398E+04	0.0000E+00
1.	0.4785E+04	-0.7649E+02	0.2903E+04	-0.9237E+02	0.9447E+03	-0.1292E+03
2.	0.2582E+04	0.1273E+03	0.1842E+04	0.1222E+03	0.8633E+03	0.1149E+03
3.	0.3387E+04	0.9560E+02	0.3056E+04	0.9197E+02	0.1482E+04	0.8688E+02
4.	0.5467E+03	-0.1700E+03	0.6824E+03	-0.1795E+03	0.4286E+03	0.1719E+03
5.	0.6846E+03	-0.1222E+03	0.8628E+03	-0.1256E+03	0.4918E+03	-0.1328E+03
6.	0.6418E+02	-0.3908E+02	0.2189E+03	-0.5212E+02	0.1476E+03	-0.6231E+02
7.	0.1038E+04	-0.1438E+03	0.1880E+04	-0.1462E+03	0.1118E+04	-0.1480E+03
8.	0.2282E+03	-0.7887E+02	0.4746E+03	-0.9685E+02	0.2968E+03	-0.1049E+03
9.	0.1328E+03	0.1147E+02	0.5646E+03	-0.1672E+02	0.3626E+03	-0.2800E+02

Table IV-17. Harmonic beamwise loads data, 116 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1523E+05	0.0000E+00	0.2309E+04	0.0000E+00	0.3923E+04	0.0000E+00
1.	0.2903E+04	-0.1520E+03	0.4682E+04	-0.1399E+03	0.7698E+04	-0.5874E+02
2.	0.3297E+04	-0.4362E+02	0.3501E+04	-0.1251E+02	0.3805E+04	0.1665E+03
3.	0.5209E+03	0.3955E+02	0.5117E+03	0.6151E+02	0.1103E+04	-0.2416E+02
4.	0.5706E+03	-0.1341E+03	0.8311E+02	0.3757E+02	0.9380E+03	0.7932E+02
5.	0.3649E+03	0.3072E+02	0.3485E+03	0.5968E+02	0.6691E+03	0.1040E+03
6.	0.6946E+02	-0.8487E+02	0.9295E+02	0.2837E+02	0.4577E+03	0.1110E+03
7.	0.7739E+03	-0.1148E+03	0.1011E+04	-0.1190E+03	0.1169E+04	-0.1503E+03
8.	0.2965E+03	0.8621E+02	0.1074E+03	0.1267E+01	0.4216E+03	-0.5418E+02
9.	0.2088E+03	-0.1664E+03	0.2491E+03	0.1769E+03	0.7198E+03	0.3992E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2022E+04	0.0000E+00	0.1478E+04	0.0000E+00	-0.2802E+04	0.0000E+00
1.	0.6313E+04	-0.6157E+02	0.6048E+04	-0.6133E+02	0.5595E+04	-0.6511E+02
2.	0.2793E+04	0.1474E+03	0.2952E+04	0.1376E+03	0.2816E+04	0.1325E+03
3.	0.7276E+03	0.9403E+01	0.8692E+03	0.5182E+02	0.1372E+04	0.9356E+02
4.	0.7492E+03	0.5919E+02	0.7124E+03	0.4730E+02	0.3601E+03	0.3706E+02
5.	0.2767E+03	0.9830E+02	0.2397E+03	0.8468E+02	0.1936E+03	0.8366E+02
6.	0.1283E+03	0.4141E+02	0.2315E+03	-0.2025E+02	0.9899E+02	-0.7263E+01
7.	0.5176E+03	0.6692E+02	0.1390E+04	0.4535E+02	0.1304E+04	0.4384E+02
8.	0.1186E+03	-0.1219E+03	0.2650E+03	0.1342E+03	0.4127E+03	0.1111E+03
9.	0.4107E+03	-0.3601E+01	0.8370E+02	-0.6508E+02	0.2985E+03	0.1649E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3662E+04	0.0000E+00	-0.3839E+04	0.0000E+00	0.1443E+04	0.0000E+00
1.	0.4226E+04	-0.7641E+02	0.2540E+04	-0.9009E+02	0.7482E+03	-0.1241E+03
2.	0.2135E+04	0.1291E+03	0.1416E+04	0.1176E+03	0.6368E+03	0.1025E+03
3.	0.2282E+04	0.1082E+03	0.2032E+04	0.1031E+03	0.1006E+04	0.9609E+02
4.	0.7564E+03	-0.1220E+03	0.8465E+03	-0.1342E+03	0.4424E+03	-0.1426E+03
5.	0.6923E+03	-0.9625E+02	0.9058E+03	-0.1025E+03	0.4861E+03	-0.1054E+03
6.	0.5795E+02	0.1378E+02	0.1222E+03	0.1071E+02	0.9362E+02	0.1454E+02
7.	0.1004E+04	-0.1215E+03	0.1771E+04	-0.1255E+03	0.9843E+03	-0.1282E+03
8.	0.2748E+03	-0.1996E+02	0.5538E+03	-0.2805E+02	0.3333E+03	-0.2542E+02
9.	0.1499E+03	0.6905E+02	0.8334E+03	0.1664E+02	0.4074E+03	0.1553E+02

Table IV-18. Harmonic beamwise loads data, 98 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1504E+05	0.0000E+00	0.1947E+04	0.0000E+00	0.3116E+04	0.0000E+00
1.	0.2790E+04	-0.1404E+03	0.4401E+04	-0.1311E+03	0.5421E+04	-0.5052E+02
2.	0.2409E+04	-0.2393E+02	0.2620E+04	0.2460E+00	0.2659E+04	0.1758E+03
3.	0.5790E+03	0.8487E+02	0.7994E+03	0.5795E+02	0.1984E+04	0.3871E+02
4.	0.8926E+03	-0.1308E+03	0.2783E+03	-0.1347E+03	0.7618E+03	0.7086E+02
5.	0.3114E+03	0.8521E+02	0.5369E+03	0.1052E+03	0.1329E+04	0.1061E+03
6.	0.3194E+03	-0.7451E+02	0.1779E+03	0.2908E+02	0.5454E+03	0.1080E+03
7.	0.8251E+03	-0.7711E+02	0.1013E+04	-0.7479E+02	0.9158E+03	-0.1062E+03
8.	0.2736E+03	0.1196E+03	0.1701E+03	0.5792E+02	0.5388E+03	-0.2866E+02
9.	0.1819E+03	-0.8951E+02	0.2370E+03	-0.1329E+03	0.5324E+03	0.1024E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1382E+04	0.0000E+00	0.1189E+04	0.0000E+00	-0.3137E+04	0.0000E+00
1.	0.4700E+04	-0.5732E+02	0.4756E+04	-0.5780E+02	0.4700E+04	-0.6120E+02
2.	0.2012E+04	0.1582E+03	0.2151E+04	0.1509E+03	0.2039E+04	0.1487E+03
3.	0.1674E+04	0.4744E+02	0.1371E+04	0.5832E+02	0.1131E+04	0.8913E+02
4.	0.6231E+03	0.6024E+02	0.4928E+03	0.6286E+02	0.1896E+03	0.5814E+02
5.	0.5273E+03	0.1062E+03	0.2057E+03	0.1418E+03	0.2634E+03	-0.1207E+03
6.	0.2872E+03	0.4854E+02	0.3684E+03	-0.3657E+01	0.2403E+03	-0.5171E+02
7.	0.4892E+03	0.1042E+03	0.1199E+04	0.8440E+02	0.1082E+04	0.7967E+02
8.	0.1793E+03	-0.7603E+02	0.2920E+03	0.1538E+03	0.5167E+03	0.1394E+03
9.	0.3015E+03	0.6482E+02	0.6710E+02	-0.4653E+02	0.3233E+03	-0.1348E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3738E+04	0.0000E+00	-0.3949E+04	0.0000E+00	0.1431E+04	0.0000E+00
1.	0.3593E+04	-0.6982E+02	0.2080E+04	-0.8245E+02	0.5320E+03	-0.1252E+03
2.	0.1501E+04	0.1382E+03	0.9829E+03	0.1205E+03	0.4488E+03	0.1021E+03
3.	0.1681E+04	0.1178E+03	0.1585E+04	0.1139E+03	0.8068E+03	0.1074E+03
4.	0.5311E+03	-0.1125E+03	0.6540E+03	-0.1277E+03	0.4084E+03	-0.1447E+03
5.	0.1032E+04	-0.6268E+02	0.1200E+04	-0.6503E+02	0.6100E+03	-0.7317E+02
6.	0.1068E+03	-0.1104E+03	0.1144E+03	0.7783E+02	0.1160E+03	0.6037E+02
7.	0.8603E+03	-0.7776E+02	0.1403E+04	-0.8290E+02	0.7898E+03	-0.8327E+02
8.	0.2347E+03	0.1102E+02	0.7090E+03	-0.9742E+01	0.4085E+03	-0.1223E+02
9.	0.1779E+03	0.1119E+03	0.4969E+03	0.6799E+02	0.3232E+03	0.5996E+02

Table IV-19. Harmonic beamwise loads data, 82 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1451E+05	0.0000E+00	0.2259E+04	0.0000E+00	0.3006E+04	0.0000E+00
1.	0.2619E+04	-0.1420E+03	0.4089E+04	-0.1323E+03	0.4358E+04	-0.4881E+02
2.	0.2514E+04	0.1341E+02	0.2497E+04	0.2472E+02	0.2028E+04	-0.1619E+03
3.	0.5013E+03	0.5801E+02	0.8125E+03	0.2096E+02	0.2479E+04	0.1089E+02
4.	0.7012E+03	0.1198E+03	0.2889E+03	0.1101E+03	0.8694E+03	-0.6056E+02
5.	0.6157E+03	0.9265E+02	0.8632E+03	0.8476E+02	0.1913E+04	0.6083E+02
6.	0.2089E+03	0.1293E+03	0.2279E+03	0.1034E+03	0.4241E+03	0.8337E+02
7.	0.4339E+03	0.1187E+02	0.6712E+03	0.8351E+01	0.6930E+03	-0.3432E+02
8.	0.3758E+03	-0.1368E+03	0.5060E+02	0.3815E+02	0.5997E+03	0.4535E+02
9.	0.3176E+03	-0.1706E+02	0.2828E+03	-0.4215E+02	0.1033E+04	0.1683E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1434E+04	0.0000E+00	0.1256E+04	0.0000E+00	-0.3240E+04	0.0000E+00
1.	0.3737E+04	-0.5840E+02	0.3853E+04	-0.5849E+02	0.3684E+04	-0.6070E+02
2.	0.1681E+04	-0.1728E+03	0.1907E+04	-0.1794E+03	0.2163E+04	0.1766E+03
3.	0.1736E+04	0.2171E+02	0.1395E+04	0.3158E+02	0.7097E+03	0.5762E+02
4.	0.4951E+03	-0.6887E+02	0.1606E+03	-0.1154E+03	0.3285E+03	0.1451E+03
5.	0.8244E+03	0.5341E+02	0.7826E+02	-0.1603E+00	0.6274E+03	-0.1260E+03
6.	0.2381E+03	0.6967E+02	0.7859E+02	0.7053E+02	0.1839E+03	-0.1311E+03
7.	0.5222E+03	-0.1699E+03	0.1145E+04	0.1706E+03	0.1104E+04	0.1644E+03
8.	0.1411E+03	-0.4106E+02	0.3925E+03	-0.1303E+03	0.5319E+03	-0.1573E+03
9.	0.4739E+03	0.1413E+03	0.1324E+03	0.9658E+02	0.2106E+03	-0.3335E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.4084E+04	0.0000E+00	-0.4272E+04	0.0000E+00	0.1257E+04	0.0000E+00
1.	0.2723E+04	-0.6835E+02	0.1483E+04	-0.8242E+02	0.3782E+03	-0.1357E+03
2.	0.1855E+04	0.1583E+03	0.1228E+04	0.1408E+03	0.5353E+03	0.1183E+03
3.	0.8310E+03	0.1343E+03	0.9860E+03	0.1329E+03	0.5667E+03	0.1294E+03
4.	0.4981E+03	0.1444E+03	0.6175E+03	0.1607E+03	0.4479E+03	0.1663E+03
5.	0.7082E+03	-0.1161E+03	0.5602E+03	-0.1019E+03	0.2869E+03	-0.1064E+03
6.	0.2814E+03	0.7011E+02	0.6724E+03	0.5978E+02	0.4826E+03	0.5280E+02
7.	0.8570E+03	-0.3539E+01	0.1553E+04	-0.6612E+01	0.9624E+03	-0.3928E+01
8.	0.3128E+03	0.3360E+02	0.5598E+03	0.6952E+01	0.3249E+03	0.2738E+01
9.	0.1270E+03	-0.1525E+03	0.4942E+03	-0.1682E+03	0.3921E+03	-0.1644E+03



Table IV-20. Harmonic beamwise loads data, 102 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1190E+05	0.0000E+00	0.5299E+04	0.0000E+00	0.4754E+04	0.0000E+00
1.	0.1102E+04	-0.1438E+03	0.3227E+04	-0.1433E+03	0.5278E+04	-0.4837E+02
2.	0.1919E+04	-0.1351E+02	0.2213E+04	0.8730E+01	0.2399E+04	0.1796E+03
3.	0.7729E+03	0.1349E+03	0.5269E+03	0.9450E+02	0.2245E+04	0.3228E+02
4.	0.7500E+03	-0.1594E+03	0.3846E+03	-0.1652E+03	0.4547E+03	0.1660E+03
5.	0.3501E+03	0.1283E+03	0.5181E+03	0.5949E+02	0.1939E+04	0.2617E+02
6.	0.4638E+03	-0.1007E+03	0.2001E+03	-0.4370E+02	0.7236E+03	0.8040E+02
7.	0.2562E+03	-0.1168E+03	0.5995E+03	-0.1360E+03	0.8194E+03	-0.1735E+03
8.	0.1358E+03	0.1055E+03	0.1853E+03	0.6841E+02	0.2781E+03	0.2519E+01
9.	0.1195E+03	0.1698E+03	0.2449E+03	0.1529E+03	0.3407E+03	0.3087E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.3525E+04	0.0000E+00	0.2628E+04	0.0000E+00	-0.2673E+04	0.0000E+00
1.	0.4412E+04	-0.6133E+02	0.4431E+04	-0.6221E+02	0.4878E+04	-0.6707E+02
2.	0.1926E+04	0.1593E+03	0.2208E+04	0.1523E+03	0.2262E+04	0.1498E+03
3.	0.1814E+04	0.2987E+02	0.1597E+04	0.3506E+02	0.1090E+04	0.5033E+02
4.	0.2156E+03	0.1456E+03	0.2958E+03	0.1113E+03	0.3883E+03	0.5364E+02
5.	0.8966E+03	0.5090E+01	0.3287E+03	-0.3262E+02	0.3550E+03	-0.1773E+03
6.	0.3496E+03	0.2656E+02	0.3912E+03	-0.3765E+02	0.2660E+03	-0.9483E+02
7.	0.2008E+03	0.3449E+02	0.7847E+03	0.8780E+01	0.7919E+03	0.7412E+01
8.	0.7680E+02	-0.9421E+02	0.1414E+03	0.1411E+03	0.2860E+03	0.1331E+03
9.	0.2231E+03	-0.7797E+01	0.1519E+03	-0.4666E+02	0.1669E+03	-0.1672E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.2793E+04	0.0000E+00	-0.3093E+04	0.0000E+00	0.1557E+04	0.0000E+00
1.	0.3319E+04	-0.7169E+02	0.1857E+04	-0.8344E+02	0.4498E+03	-0.1315E+03
2.	0.1835E+04	0.1388E+03	0.1271E+04	0.1236E+03	0.5844E+03	0.1039E+03
3.	0.1263E+04	0.1072E+03	0.1259E+04	0.1092E+03	0.6738E+03	0.1060E+03
4.	0.3598E+03	-0.1513E+03	0.5590E+03	-0.1618E+03	0.3847E+03	-0.1796E+03
5.	0.1032E+04	-0.1327E+03	0.1124E+04	-0.1279E+03	0.5823E+03	-0.1313E+03
6.	0.2107E+03	-0.1214E+03	0.7908E+02	0.2356E+02	0.1330E+03	0.7638E+01
7.	0.5048E+03	-0.1435E+03	0.9564E+03	-0.1641E+03	0.4968E+03	-0.1689E+03
8.	0.2850E+03	0.2903E+02	0.3535E+03	-0.1464E+02	0.1716E+03	-0.1470E+02
9.	0.7508E+02	0.8004E+02	0.3573E+03	-0.1981E+02	0.2497E+03	-0.4175E+02

Table IV-21. Harmonic beamwise loads data, 103 KTAS, 200 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1183E+05	0.0000E+00	0.4618E+04	0.0000E+00	0.3179E+04	0.0000E+00
1.	0.1886E+04	-0.1473E+03	0.3524E+04	-0.1366E+03	0.4571E+04	-0.3728E+02
2.	0.2973E+04	-0.2392E+02	0.2894E+04	-0.1054E+01	0.2981E+04	-0.1770E+03
3.	0.6384E+03	0.7607E+02	0.8579E+03	0.3506E+02	0.2431E+04	0.2807E+02
4.	0.1071E+04	-0.1528E+03	0.3211E+03	-0.1537E+03	0.1612E+04	0.6543E+02
5.	0.3275E+03	-0.1551E+03	0.3884E+03	0.1486E+03	0.1463E+04	0.1030E+03
6.	0.2355E+03	-0.5851E+02	0.1782E+03	0.5222E+02	0.8637E+03	0.1037E+03
7.	0.6220E+03	-0.1328E+03	0.8666E+03	-0.1091E+03	0.8481E+03	-0.1344E+03
8.	0.2783E+03	-0.1753E+03	0.6178E+02	0.3404E+02	0.8789E+03	0.2865E+01
9.	0.3569E+03	-0.1476E+03	0.3610E+03	-0.1512E+03	0.5805E+03	0.7918E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2483E+04	0.0000E+00	0.1685E+04	0.0000E+00	-0.3898E+04	0.0000E+00
1.	0.4175E+04	-0.5329E+02	0.4307E+04	-0.5815E+02	0.4712E+04	-0.6339E+02
2.	0.2287E+04	0.1628E+03	0.2415E+04	0.1557E+03	0.2484E+04	0.1433E+03
3.	0.1768E+04	0.2712E+02	0.1359E+04	0.3568E+02	0.7533E+03	0.5699E+02
4.	0.1158E+04	0.6137E+02	0.8383E+03	0.8566E+02	0.2354E+03	0.5397E+02
5.	0.7201E+03	0.9819E+02	0.2741E+03	0.1103E+03	0.1214E+03	-0.1470E+03
6.	0.3405E+03	0.6930E+02	0.2422E+03	-0.1262E+02	0.2592E+03	-0.1086E+03
7.	0.4116E+03	0.1074E+03	0.9251E+03	0.7339E+02	0.8552E+03	0.5802E+02
8.	0.2979E+03	-0.6558E+02	0.4520E+03	-0.1674E+03	0.7185E+03	0.1683E+03
9.	0.3835E+03	0.8779E+01	0.1864E+03	-0.6351E+02	0.4862E+03	-0.1502E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3257E+04	0.0000E+00	-0.3052E+04	0.0000E+00	0.1545E+04	0.0000E+00
1.	0.3186E+04	-0.7192E+02	0.1873E+04	-0.8418E+02	0.4938E+03	-0.1251E+03
2.	0.1650E+04	0.1375E+03	0.1034E+04	0.1183E+03	0.4637E+03	0.9129E+02
3.	0.8636E+03	0.1096E+03	0.8777E+03	0.1043E+03	0.4929E+03	0.9643E+02
4.	0.8331E+03	-0.1300E+03	0.9450E+03	-0.1374E+03	0.5179E+03	-0.1491E+03
5.	0.1180E+04	-0.6640E+02	0.1292E+04	-0.6625E+02	0.6286E+03	-0.7203E+02
6.	0.2622E+03	0.1603E+01	0.5623E+03	0.2433E+02	0.3766E+03	0.2322E+02
7.	0.6485E+03	-0.1038E+03	0.9858E+03	-0.1015E+03	0.5205E+03	-0.9718E+02
8.	0.3907E+03	0.2385E+02	0.1143E+04	0.1609E+02	0.7245E+03	0.1746E+02
9.	0.1942E+03	0.8538E+02	0.8222E+03	0.4738E+02	0.5533E+03	0.4133E+02

Table IV-22. Harmonic beamwise loads data, 98 KTAS, 400 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1155E+05	0.0000E+00	0.4881E+04	0.0000E+00	0.3585E+04	0.0000E+00
1.	0.1762E+04	-0.1544E+03	0.3364E+04	-0.1417E+03	0.4091E+04	-0.4158E+02
2.	0.2730E+04	-0.2101E+02	0.2657E+04	0.3620E+00	0.2525E+04	0.1758E+03
3.	0.4573E+03	0.5871E+02	0.8414E+03	0.2651E+02	0.2661E+04	0.1658E+02
4.	0.1063E+04	0.1723E+03	0.4331E+03	0.1684E+03	0.1022E+04	0.4783E+02
5.	0.2352E+03	-0.1691E+03	0.3087E+03	0.9246E+02	0.1725E+04	0.6940E+02
6.	0.3123E+03	-0.1028E+03	0.1883E+02	0.9825E+02	0.9022E+03	0.8130E+02
7.	0.3213E+03	-0.1415E+03	0.6273E+03	-0.1294E+03	0.6706E+03	-0.1647E+03
8.	0.2712E+03	-0.1625E+03	0.6185E+02	-0.3909E+02	0.4483E+03	-0.4019E+02
9.	0.2957E+03	0.1772E+03	0.2751E+03	0.1642E+03	0.6355E+03	0.4143E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2972E+04	0.0000E+00	0.1978E+04	0.0000E+00	-0.3809E+04	0.0000E+00
1.	0.3788E+04	-0.5902E+02	0.4018E+04	-0.6267E+02	0.4499E+04	-0.6695E+02
2.	0.1989E+04	0.1569E+03	0.2140E+04	0.1507E+03	0.2161E+04	0.1427E+03
3.	0.1942E+04	0.1759E+02	0.1488E+04	0.2114E+02	0.9295E+03	0.4458E+02
4.	0.7922E+03	0.4642E+02	0.6651E+03	0.6149E+02	0.2812E+03	0.4606E+02
5.	0.7860E+03	0.6216E+02	0.2207E+03	0.6891E+02	0.2078E+03	-0.1750E+03
6.	0.3663E+03	0.5243E+02	0.2251E+03	-0.2770E+02	0.2400E+03	-0.1126E+03
7.	0.4351E+03	0.6282E+02	0.1028E+04	0.3820E+02	0.8013E+03	0.2781E+02
8.	0.3076E+03	-0.1136E+03	0.4245E+03	-0.1773E+03	0.5220E+03	0.1420E+03
9.	0.3975E+03	-0.1133E+02	0.1290E+03	-0.6178E+02	0.4369E+03	0.1750E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3078E+04	0.0000E+00	-0.2991E+04	0.0000E+00	0.1364E+04	0.0000E+00
1.	0.3025E+04	-0.7526E+02	0.1761E+04	-0.9060E+02	0.5247E+03	-0.1373E+03
2.	0.1598E+04	0.1308E+03	0.1106E+04	0.1130E+03	0.5323E+03	0.9216E+02
3.	0.8292E+03	0.1039E+03	0.8746E+03	0.1037E+03	0.5345E+03	0.9525E+02
4.	0.7930E+03	-0.1682E+03	0.1017E+04	-0.1754E+03	0.6250E+03	0.1718E+03
5.	0.1296E+04	-0.9876E+02	0.1456E+04	-0.9942E+02	0.7053E+03	-0.1054E+03
6.	0.1667E+03	-0.8008E+02	0.3156E+03	-0.1703E+01	0.2617E+03	0.9608E+01
7.	0.4853E+03	-0.1314E+03	0.8281E+03	-0.1356E+03	0.3602E+03	-0.1303E+03
8.	0.3286E+03	-0.1047E+02	0.8081E+03	-0.1392E+02	0.5245E+03	-0.8331E+01
9.	0.2350E+03	0.5771E+02	0.7240E+03	0.7035E+01	0.4377E+03	0.3319E+01

Table IV-23. Harmonic beamwise loads data, 98 KTAS, 600 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1181E+05	0.0000E+00	0.4774E+04	0.0000E+00	0.3304E+04	0.0000E+00
1.	0.2123E+04	-0.1448E+03	0.3732E+04	-0.1378E+03	0.4478E+04	-0.4281E+02
2.	0.3113E+04	-0.2053E+02	0.3052E+04	-0.4910E+00	0.2474E+04	0.1767E+03
3.	0.7956E+03	0.8629E+02	0.9015E+03	0.5447E+02	0.2481E+04	0.3313E+02
4.	0.1379E+04	-0.1776E+03	0.6859E+03	-0.1795E+03	0.1089E+04	0.4530E+02
5.	0.1723E+03	0.1602E+03	0.4855E+03	0.1059E+03	0.1805E+04	0.7783E+02
6.	0.2645E+03	-0.9617E+02	0.6044E+02	-0.1722E+03	0.1000E+04	0.9258E+02
7.	0.4651E+03	-0.1244E+03	0.7459E+03	-0.1146E+03	0.7597E+03	-0.1687E+03
8.	0.1209E+03	0.8048E+02	0.2568E+03	0.3979E+02	0.6896E+03	-0.1057E+02
9.	0.4655E+03	0.1769E+03	0.4028E+03	-0.1785E+03	0.6801E+03	0.5023E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.3044E+04	0.0000E+00	0.1951E+04	0.0000E+00	-0.3968E+04	0.0000E+00
1.	0.4047E+04	-0.5725E+02	0.4228E+04	-0.6060E+02	0.4476E+04	-0.6485E+02
2.	0.1945E+04	0.1589E+03	0.2077E+04	0.1533E+03	0.2324E+04	0.1491E+03
3.	0.1845E+04	0.3466E+02	0.1448E+04	0.4040E+02	0.9009E+03	0.5341E+02
4.	0.7510E+03	0.4942E+02	0.5767E+03	0.6758E+02	0.2779E+03	0.3600E+02
5.	0.8153E+03	0.7230E+02	0.2947E+03	0.7699E+02	0.2245E+03	-0.1508E+03
6.	0.3912E+03	0.6706E+02	0.2219E+03	-0.1185E+02	0.2713E+03	-0.9748E+02
7.	0.2128E+03	0.6968E+02	0.7219E+03	0.3908E+02	0.6876E+03	0.3521E+02
8.	0.2741E+03	-0.6628E+02	0.2025E+03	0.1756E+03	0.5534E+03	0.1505E+03
9.	0.4060E+03	0.5250E+01	0.7131E+02	-0.5012E+02	0.4910E+03	-0.1704E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.2845E+04	0.0000E+00	-0.2692E+04	0.0000E+00	0.1343E+04	0.0000E+00
1.	0.3043E+04	-0.7314E+02	0.1732E+04	-0.8690E+02	0.4727E+03	-0.1361E+03
2.	0.1516E+04	0.1334E+03	0.9489E+03	0.1119E+03	0.4467E+03	0.8865E+02
3.	0.9864E+03	0.1077E+03	0.1033E+04	0.1077E+03	0.5909E+03	0.1024E+03
4.	0.9230E+03	-0.1680E+03	0.1163E+04	-0.1741E+03	0.7441E+03	0.1769E+03
5.	0.1127E+04	-0.9255E+02	0.1235E+04	-0.9411E+02	0.5965E+03	-0.1009E+03
6.	0.4258E+02	-0.8940E+02	0.2838E+03	0.1851E+02	0.2312E+03	0.2153E+02
7.	0.4529E+03	-0.1274E+03	0.6074E+03	-0.1340E+03	0.2986E+03	-0.1325E+03
8.	0.4409E+03	0.4165E+01	0.8833E+03	-0.7448E+01	0.5575E+03	-0.5101E+01
9.	0.1987E+03	0.7628E+02	0.7637E+03	0.1788E+02	0.5112E+03	0.1388E+02

Table IV-24. Harmonic beamwise loads data, 99 KTAS, 800 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1240E+05	0.0000E+00	0.3911E+04	0.0000E+00	0.2649E+04	0.0000E+00
1.	0.1935E+04	-0.1456E+03	0.3491E+04	-0.1363E+03	0.4171E+04	-0.3862E+02
2.	0.2753E+04	-0.2607E+02	0.2653E+04	-0.5681E+01	0.2667E+04	0.1791E+03
3.	0.5726E+03	0.6812E+02	0.8813E+03	0.3305E+02	0.2568E+04	0.2612E+02
4.	0.1312E+04	-0.1627E+03	0.5004E+03	-0.1556E+03	0.1402E+04	0.5117E+02
5.	0.3178E+03	-0.1312E+03	0.1869E+03	0.1415E+03	0.1543E+04	0.8224E+02
6.	0.2877E+03	-0.1123E+03	0.8006E+02	-0.1659E+03	0.7304E+03	0.1087E+03
7.	0.3528E+03	-0.1261E+03	0.5528E+03	-0.1139E+03	0.7689E+03	-0.1593E+03
8.	0.1139E+03	0.1671E+03	0.1950E+02	-0.3375E+02	0.8317E+03	-0.2675E+02
9.	0.2958E+03	0.1771E+03	0.2898E+03	-0.1802E+03	0.3719E+03	0.7845E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2641E+04	0.0000E+00	0.1357E+04	0.0000E+00	-0.4425E+04	0.0000E+00
1.	0.3873E+04	-0.5541E+02	0.4083E+04	-0.6010E+02	0.4445E+04	-0.6363E+02
2.	0.2115E+04	0.1617E+03	0.2244E+04	0.1568E+03	0.2206E+04	0.1450E+03
3.	0.1792E+04	0.2699E+02	0.1350E+04	0.3514E+02	0.7688E+03	0.5096E+02
4.	0.9870E+03	0.4912E+02	0.6500E+03	0.8084E+02	0.2142E+03	0.4955E+02
5.	0.7213E+03	0.7996E+02	0.2152E+03	0.8213E+02	0.1455E+03	-0.1592E+03
6.	0.2186E+03	0.8001E+02	0.1658E+03	-0.8505E+02	0.2425E+03	-0.1086E+03
7.	0.3716E+03	0.9131E+02	0.7250E+03	0.5795E+02	0.5750E+03	0.4112E+02
8.	0.1861E+03	-0.7593E+02	0.3087E+03	0.1871E+03	0.5678E+03	0.1523E+03
9.	0.2845E+03	0.2015E+01	0.1197E+03	-0.4635E+02	0.3308E+03	-0.1684E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3226E+04	0.0000E+00	-0.2948E+04	0.0000E+00	0.1142E+04	0.0000E+00
1.	0.3054E+04	-0.7360E+02	0.1802E+04	-0.8766E+02	0.4899E+03	-0.1289E+03
2.	0.1476E+04	0.1393E+03	0.8717E+03	0.1209E+03	0.3865E+03	0.9531E+02
3.	0.9272E+03	0.1047E+03	0.9815E+03	0.9955E+02	0.5418E+03	0.9130E+02
4.	0.9884E+03	-0.1522E+03	0.1086E+04	-0.1584E+03	0.6349E+03	-0.1686E+03
5.	0.1298E+04	-0.8135E+02	0.1367E+04	-0.8299E+02	0.6803E+03	-0.8840E+02
6.	0.1744E+03	-0.9091E+01	0.4395E+03	0.2385E+02	0.3198E+03	0.2756E+02
7.	0.4937E+03	-0.1180E+03	0.8291E+03	-0.1214E+03	0.2765E+03	-0.1176E+03
8.	0.4551E+03	0.7316E+01	0.1031E+04	0.1714E+00	0.6798E+03	-0.2603E+00
9.	0.1274E+03	0.1077E+03	0.5461E+03	0.2582E+02	0.3741E+03	0.2053E+02

Table IV-25. Harmonic edgewise loads data, 159 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1492E+06	0.0000E+00	0.3401E+04	0.0000E+00	0.1322E+06	0.0000E+00
1.	0.6703E+05	-0.6084E+02	0.3038E+04	-0.6526E+02	0.4715E+05	-0.6298E+02
2.	0.4840E+04	0.8489E+02	0.2254E+03	0.8915E+02	0.4263E+04	0.9535E+02
3.	0.5467E+05	-0.9107E+02	0.2275E+04	-0.9461E+02	0.4679E+05	-0.9081E+02
4.	0.1391E+04	0.5187E+02	0.7336E+02	0.6819E+02	0.6610E+04	0.2604E+02
5.	0.3280E+04	0.1586E+03	0.9324E+02	0.1425E+03	0.2202E+04	0.1784E+03
6.	0.1617E+03	-0.7456E+02	0.6332E+01	-0.1462E+03	0.8723E+03	0.1034E+03
7.	0.1150E+04	-0.1470E+03	0.4670E+02	0.1644E+03	0.9413E+03	0.1717E+03
8.	0.2119E+03	-0.1572E+03	0.1145E+02	0.7058E+02	0.3539E+04	-0.5653E+02
9.	0.6140E+03	-0.4328E+02	0.2769E+02	-0.7771E+02	0.4731E+03	0.3378E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1250E+06	0.0000E+00	0.1170E+06	0.0000E+00	0.9143E+05	0.0000E+00
1.	0.3858E+05	-0.6377E+02	0.3031E+05	-0.6429E+02	0.2000E+05	-0.6487E+02
2.	0.2639E+04	0.1092E+03	0.1626E+04	0.1279E+03	0.1039E+04	-0.1698E+03
3.	0.4002E+05	-0.9586E+02	0.3371E+05	-0.9662E+02	0.2575E+05	-0.9658E+02
4.	0.7214E+04	0.1912E+02	0.7433E+04	0.1699E+02	0.6930E+04	0.1920E+02
5.	0.1762E+04	-0.1781E+03	0.1401E+04	-0.1665E+03	0.1332E+04	-0.1431E+03
6.	0.6375E+03	0.1101E+03	0.7695E+03	0.1223E+03	0.4493E+03	0.1298E+03
7.	0.7637E+03	0.1467E+03	0.7430E+03	0.1465E+03	0.4883E+03	0.1344E+03
8.	0.3990E+04	-0.8066E+02	0.4266E+04	-0.7999E+02	0.3868E+04	-0.8115E+02
9.	0.6309E+03	0.3092E+01	0.6690E+03	0.1764E+02	0.6649E+03	0.1596E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2936E+05	0.0000E+00	-0.4585E+05	0.0000E+00	-0.5251E+05	0.0000E+00
1.	0.7994E+04	-0.6360E+02	0.4168E+04	-0.6884E+02	0.9564E+03	-0.3750E+02
2.	0.9953E+03	-0.1423E+03	0.7866E+03	-0.1198E+03	0.6853E+03	-0.8217E+02
3.	0.1123E+05	-0.9193E+02	0.5271E+04	-0.9122E+02	0.1925E+04	-0.8808E+02
4.	0.4421E+04	0.1877E+02	0.2507E+04	0.2121E+02	0.5581E+03	0.5276E+02
5.	0.6560E+03	-0.9611E+02	0.4662E+03	-0.9715E+02	0.3468E+03	-0.9187E+02
6.	0.5265E+03	0.1534E+03	0.1249E+03	0.1254E+03	0.3702E+03	0.6357E+02
7.	0.1116E+03	0.5015E+01	0.2099E+03	0.3979E+02	0.1739E+03	0.1956E+02
8.	0.2516E+04	-0.4658E+02	0.1331E+04	-0.5135E+02	0.2331E+03	-0.8228E+02
9.	0.5014E+03	0.8377E+02	0.2463E+03	0.5597E+02	0.1391E+03	0.6868E+02

Table IV-26. Harmonic edgewise loads data, 146 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1256E+06	0.0000E+00	0.2346E+04	0.0000E+00	0.1270E+06	0.0000E+00
1.	0.4676E+05	-0.6009E+02	0.2063E+04	-0.6617E+02	0.3178E+05	-0.6039E+02
2.	0.3348E+04	0.1495E+03	0.1430E+03	0.1459E+03	0.3006E+04	0.1454E+03
3.	0.3386E+05	-0.1008E+03	0.1362E+04	-0.1026E+03	0.2911E+05	-0.1021E+03
4.	0.9122E+03	0.7053E+02	0.3552E+02	0.6604E+02	0.4472E+04	0.1940E+02
5.	0.3209E+04	0.1625E+03	0.9933E+02	0.1565E+03	0.3030E+04	0.1796E+03
6.	0.3485E+03	-0.1153E+03	0.2485E+02	-0.1764E+03	0.2590E+04	0.1325E+03
7.	0.1835E+04	-0.1389E+03	0.7348E+02	-0.1616E+03	0.2194E+04	0.1596E+03
8.	0.1085E+04	0.1770E+03	0.2876E+02	0.1403E+03	0.1719E+04	-0.1605E+03
9.	0.1427E+04	-0.1243E+03	0.5922E+02	-0.1426E+03	0.8799E+03	0.1072E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1227E+06	0.0000E+00	0.1168E+06	0.0000E+00	0.8959E+05	0.0000E+00
1.	0.2550E+05	-0.6016E+02	0.1948E+05	-0.6018E+02	0.1219E+05	-0.6011E+02
2.	0.2674E+04	0.1624E+03	0.2332E+04	0.1791E+03	0.2296E+04	-0.1588E+03
3.	0.2479E+05	-0.1040E+03	0.2079E+05	-0.1049E+03	0.1602E+05	-0.1040E+03
4.	0.4906E+04	0.1464E+02	0.5084E+04	0.1238E+02	0.4765E+04	0.1456E+02
5.	0.2792E+04	0.1775E+03	0.2454E+04	0.1797E+03	0.2299E+04	-0.1713E+03
6.	0.2825E+04	0.1228E+03	0.2903E+04	0.1223E+03	0.2357E+04	0.1222E+03
7.	0.2379E+04	0.1408E+03	0.2346E+04	0.1374E+03	0.2184E+04	0.1276E+03
8.	0.1853E+04	-0.1708E+03	0.1740E+04	-0.1718E+03	0.1888E+04	-0.1726E+03
9.	0.1451E+04	0.6626E+02	0.1987E+04	0.6571E+02	0.1962E+04	0.6542E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2769E+05	0.0000E+00	-0.5043E+05	0.0000E+00	-0.5588E+05	0.0000E+00
1.	0.5024E+04	-0.6093E+02	0.2635E+04	-0.6541E+02	0.5852E+03	-0.3746E+02
2.	0.1109E+04	-0.1423E+03	0.9806E+03	-0.1363E+03	0.4271E+03	-0.1014E+03
3.	0.6900E+04	-0.1016E+03	0.3274E+04	-0.9942E+02	0.1125E+04	-0.1027E+03
4.	0.3209E+04	0.8844E+01	0.1850E+04	0.1145E+02	0.5592E+03	0.1863E+02
5.	0.8397E+03	-0.1561E+03	0.5684E+03	-0.1533E+03	0.3926E+03	-0.1721E+03
6.	0.1587E+04	0.1348E+03	0.8126E+03	0.1251E+03	0.1500E+03	0.7347E+02
7.	0.8824E+03	0.1204E+03	0.6415E+03	0.1031E+03	0.3933E+03	0.8635E+02
8.	0.6735E+03	-0.1543E+03	0.6066E+03	-0.1677E+03	0.4110E+03	-0.1660E+03
9.	0.1814E+04	0.9693E+02	0.1013E+04	0.9357E+02	0.2397E+03	0.9906E+02

Table IV-27. Harmonic edgewise loads data, 129 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1031E+06	0.0000E+00	0.1626E+04	0.0000E+00	0.1184E+06	0.0000E+00
1.	0.3613E+05	-0.5816E+02	0.1610E+04	-0.6561E+02	0.2413E+05	-0.5712E+02
2.	0.2275E+04	0.1345E+03	0.9406E+02	0.1263E+03	0.2006E+04	0.1267E+03
3.	0.2254E+05	-0.1058E+03	0.9126E+03	-0.1079E+03	0.1966E+05	-0.1067E+03
4.	0.8586E+03	0.1282E+03	0.4076E+02	0.1160E+03	0.2420E+04	0.2981E+02
5.	0.1282E+04	0.1447E+03	0.4545E+02	0.1533E+03	0.1376E+04	-0.1791E+03
6.	0.5779E+03	0.1011E+03	0.3495E+02	0.1343E+03	0.3730E+04	0.1366E+03
7.	0.1687E+04	-0.1080E+03	0.6707E+02	-0.1330E+03	0.2199E+03	0.1181E+03
8.	0.1909E+03	0.3986E+02	0.1068E+02	0.1268E+03	0.9645E+03	0.1524E+03
9.	0.8608E+03	-0.8135E+02	0.2801E+02	-0.1347E+03	0.8046E+03	0.1502E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1172E+06	0.0000E+00	0.1129E+06	0.0000E+00	0.8646E+05	0.0000E+00
1.	0.1912E+05	-0.5683E+02	0.1461E+05	-0.5698E+02	0.9193E+04	-0.5588E+02
2.	0.1323E+04	0.1506E+03	0.9902E+03	0.1796E+03	0.9613E+03	-0.1237E+03
3.	0.1664E+05	-0.1100E+03	0.1407E+05	-0.1106E+03	0.1074E+05	-0.1087E+03
4.	0.2697E+04	0.2226E+02	0.2882E+04	0.1793E+02	0.2738E+04	0.1788E+02
5.	0.1281E+04	-0.1684E+03	0.1245E+04	-0.1608E+03	0.1145E+04	-0.1479E+03
6.	0.4020E+04	0.1266E+03	0.4054E+04	0.1266E+03	0.3444E+04	0.1261E+03
7.	0.3501E+03	0.4699E+02	0.5180E+03	0.5553E+02	0.8530E+03	0.4881E+02
8.	0.1059E+04	0.1198E+03	0.1181E+04	0.1143E+03	0.1136E+04	0.1188E+03
9.	0.9825E+03	0.1191E+03	0.1317E+04	0.1191E+03	0.1185E+04	0.1127E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2845E+05	0.0000E+00	-0.5063E+05	0.0000E+00	-0.5573E+05	0.0000E+00
1.	0.3961E+04	-0.5527E+02	0.2150E+04	-0.6094E+02	0.4928E+03	-0.4994E+02
2.	0.1006E+04	-0.1225E+03	0.5745E+03	-0.1171E+03	0.4566E+03	-0.7846E+02
3.	0.4635E+04	-0.1023E+03	0.2110E+04	-0.1027E+03	0.5699E+03	-0.1021E+03
4.	0.1990E+04	0.1185E+02	0.1136E+04	0.1368E+02	0.1991E+03	0.2580E+02
5.	0.5293E+03	-0.1401E+03	0.2938E+03	-0.1177E+03	0.1337E+03	-0.1359E+03
6.	0.1934E+04	0.1389E+03	0.1006E+04	0.1350E+03	0.1978E+03	0.1352E+03
7.	0.8500E+03	0.5043E+02	0.5686E+03	0.5194E+02	0.5866E+03	0.5422E+02
8.	0.8824E+03	0.1293E+03	0.5320E+03	0.1329E+03	0.2929E+03	0.1525E+02
9.	0.1046E+04	0.1601E+03	0.5478E+03	0.1381E+03	0.3126E+03	0.1230E+02



Table IV-28. Harmonic edgewise loads data, 116 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8803E+05	0.0000E+00	0.1172E+04	0.0000E+00	0.1132E+06	0.0000E+00
1.	0.2804E+05	-0.5697E+02	0.1079E+04	-0.5807E+02	0.1773E+05	-0.5339E+02
2.	0.1799E+04	0.5068E+02	0.5232E+02	-0.5152E+02	0.1945E+04	0.5208E+02
3.	0.1636E+05	-0.9768E+02	0.5853E+03	-0.1050E+03	0.1425E+05	-0.9919E+02
4.	0.7013E+03	0.5031E+02	0.1089E+02	-0.6949E+02	0.1906E+04	0.3668E+02
5.	0.9644E+03	0.1550E+03	0.1213E+02	0.8425E+02	0.1074E+04	-0.1524E+03
6.	0.9150E+03	0.9747E+02	0.2499E+02	0.1031E+03	0.3664E+04	0.1468E+03
7.	0.1445E+04	-0.7524E+02	0.3417E+02	-0.9782E+02	0.2000E+03	0.1695E+03
8.	0.7012E+03	0.7365E+02	0.3179E+02	0.3631E+02	0.1505E+04	0.6274E+02
9.	0.2463E+02	0.1754E+03	0.4834E+02	-0.1305E+02	0.6160E+03	0.1433E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1132E+06	0.0000E+00	0.1105E+06	0.0000E+00	0.8620E+05	0.0000E+00
1.	0.1421E+05	-0.5496E+02	0.1032E+05	-0.5354E+02	0.6792E+04	-0.5096E+02
2.	0.1391E+04	0.3198E+02	0.1137E+04	-0.2774E+01	0.1631E+04	-0.3202E+02
3.	0.1221E+05	-0.1032E+03	0.1018E+05	-0.1046E+03	0.7759E+04	-0.1013E+03
4.	0.1960E+04	0.2900E+02	0.1728E+04	0.2824E+02	0.1821E+04	0.2644E+02
5.	0.1281E+04	-0.1616E+03	0.1261E+04	-0.1582E+03	0.1043E+04	-0.1499E+03
6.	0.4014E+04	0.1334E+03	0.4011E+04	0.1358E+03	0.3433E+04	0.1314E+03
7.	0.3298E+03	0.1063E+03	0.5423E+03	0.1077E+03	0.8755E+03	0.8324E+02
8.	0.1859E+04	0.3346E+02	0.1934E+04	0.3800E+02	0.1836E+04	0.3779E+02
9.	0.1148E+04	0.1249E+03	0.1339E+04	0.1336E+03	0.1362E+04	0.1248E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2806E+05	0.0000E+00	-0.4982E+05	0.0000E+00	-0.5369E+05	0.0000E+00
1.	0.2589E+04	-0.5371E+02	0.1638E+04	-0.5466E+02	0.6972E+03	-0.9850E+01
2.	0.7874E+03	-0.9503E+02	0.4322E+03	-0.6284E+02	0.5479E+03	-0.3808E+02
3.	0.3394E+04	-0.9591E+02	0.1462E+04	-0.9479E+02	0.5445E+03	-0.6798E+02
4.	0.1125E+04	0.3092E+02	0.8095E+03	0.2975E+02	0.4744E+03	0.3834E+02
5.	0.5912E+03	-0.1415E+03	0.2513E+03	-0.1425E+03	0.2923E+01	0.1551E+03
6.	0.1976E+04	0.1524E+03	0.1100E+04	0.1384E+03	0.2380E+03	0.7734E+02
7.	0.7947E+03	0.7943E+02	0.5895E+03	0.7092E+02	0.5826E+03	0.7581E+02
8.	0.9607E+03	0.7788E+02	0.7440E+03	0.7466E+02	0.4547E+03	0.7028E+02
9.	0.8863E+03	-0.1601E+03	0.6462E+03	0.1671E+03	0.3142E+03	0.1100E+03

Table IV-29. Harmonic edgewise loads data, 98 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.6891E+05	0.0000E+00	0.2432E+03	0.0000E+00	0.1062E+06	0.0000E+00
1.	0.1941E+05	-0.3639E+02	0.7144E+03	-0.3920E+02	0.1285E+05	-0.2817E+02
2.	0.1145E+04	0.1030E+03	0.1506E+02	-0.7998E+02	0.1550E+04	0.6228E+02
3.	0.1641E+05	-0.1032E+03	0.8033E+03	-0.1120E+03	0.1480E+05	-0.1040E+03
4.	0.9384E+03	-0.1374E+03	0.3190E+02	-0.1373E+03	0.9073E+03	0.3395E+02
5.	0.2055E+04	-0.5386E+02	0.1305E+03	-0.3856E+02	0.3002E+04	-0.5510E+02
6.	0.4829E+03	0.9448E+02	0.1142E+02	0.1035E+03	0.4003E+04	0.1511E+03
7.	0.2195E+04	-0.2256E+02	0.8684E+02	-0.3155E+02	0.1324E+04	0.6350E+02
8.	0.5603E+03	0.1071E+03	0.2445E+02	0.8142E+02	0.7276E+03	0.7797E+02
9.	0.7447E+03	-0.1316E+03	0.8789E+01	0.7918E+02	0.4327E+03	0.1477E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1092E+06	0.0000E+00	0.1062E+06	0.0000E+00	0.8253E+05	0.0000E+00
1.	0.1018E+05	-0.2832E+02	0.7225E+04	-0.2551E+02	0.4448E+04	-0.1895E+02
2.	0.1300E+04	0.4824E+02	0.1197E+04	0.2061E+02	0.8440E+03	0.2866E+01
3.	0.1283E+05	-0.1061E+03	0.1060E+05	-0.1068E+03	0.7822E+04	-0.1070E+03
4.	0.1076E+04	0.2599E+02	0.1418E+04	0.2648E+02	0.1242E+04	0.2200E+02
5.	0.2732E+04	-0.6485E+02	0.2573E+04	-0.6182E+02	0.2495E+04	-0.6323E+02
6.	0.4400E+04	0.1423E+03	0.4479E+04	0.1451E+03	0.3665E+04	0.1434E+03
7.	0.1414E+04	0.6432E+02	0.1591E+04	0.7952E+02	0.1843E+04	0.8225E+02
8.	0.7790E+03	0.7372E+02	0.8252E+03	0.7836E+02	0.9314E+03	0.8189E+02
9.	0.2435E+03	0.1441E+03	0.1551E+03	0.7026E+02	0.3205E+03	0.8192E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2473E+05	0.0000E+00	-0.5033E+05	0.0000E+00	-0.5354E+05	0.0000E+00
1.	0.1746E+04	-0.3130E+02	0.9663E+03	-0.2657E+02	0.4571E+03	0.1446E+02
2.	0.4560E+03	-0.7134E+02	0.2581E+03	-0.1221E+03	0.1121E+03	0.1533E+03
3.	0.3164E+04	-0.9548E+02	0.1506E+04	-0.1070E+03	0.6966E+03	-0.1256E+03
4.	0.1356E+04	0.3809E+02	0.5390E+03	0.3335E+02	0.2119E+03	-0.8290E+01
5.	0.9388E+03	-0.4958E+02	0.8807E+03	-0.5592E+02	0.5863E+03	-0.8485E+02
6.	0.2323E+04	0.1597E+03	0.1051E+04	0.1530E+03	0.2340E+03	0.1325E+03
7.	0.1325E+04	0.1065E+03	0.8919E+03	0.9576E+02	0.5263E+03	0.8636E+02
8.	0.5969E+03	0.1218E+03	0.4873E+03	0.1144E+03	0.2688E+03	0.1177E+03
9.	0.4613E+03	0.1074E+02	0.1046E+03	0.7692E+02	0.2205E+03	0.1425E+03

Table IV-30. Harmonic edgewise loads data, 82 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5936E+05	0.0000E+00	-0.4982E+02	0.0000E+00	0.1033E+06	0.0000E+00
1.	0.1851E+05	-0.2107E+02	0.6459E+03	-0.1581E+02	0.1334E+05	-0.9486E+01
2.	0.9367E+03	-0.3248E+02	0.6992E+02	-0.7664E+02	0.1313E+04	0.3823E+01
3.	0.9191E+04	-0.1272E+03	0.3542E+03	-0.1481E+03	0.9034E+04	-0.1294E+03
4.	0.1194E+04	0.1519E+03	0.3902E+02	0.1494E+03	0.2418E+03	0.1638E+03
5.	0.2096E+04	-0.8541E+02	0.1293E+03	-0.6994E+02	0.3096E+04	-0.7799E+02
6.	0.1279E+04	0.1308E+03	0.1410E+02	0.9767E+02	0.2382E+04	0.1111E+03
7.	0.3382E+03	0.6527E+02	0.2835E+02	0.1547E+03	0.6424E+03	0.1517E+03
8.	0.5534E+03	-0.1438E+03	0.3905E+02	0.1722E+03	0.2880E+03	-0.9981E+02
9.	0.3963E+03	0.1384E+03	0.3798E+02	0.6772E+02	0.7877E+03	-0.8662E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1070E+06	0.0000E+00	0.1042E+06	0.0000E+00	0.8149E+05	0.0000E+00
1.	0.1076E+05	-0.9435E+01	0.7947E+04	-0.3991E+01	0.5260E+04	0.2813E+01
2.	0.1699E+04	0.5601E-01	0.1955E+04	-0.2520E+01	0.2265E+04	-0.4095E+01
3.	0.7738E+04	-0.1297E+03	0.6604E+04	-0.1305E+03	0.4382E+04	-0.1285E+03
4.	0.1238E+03	-0.1486E+03	0.4558E+03	-0.7074E+02	0.3717E+03	-0.7964E+02
5.	0.2835E+04	-0.8569E+02	0.2490E+04	-0.8093E+02	0.2044E+04	-0.8116E+02
6.	0.2472E+04	0.1017E+03	0.2106E+04	0.1003E+03	0.2412E+04	0.9692E+02
7.	0.6342E+03	0.1709E+03	0.5326E+03	0.1704E+03	0.9252E+03	0.1728E+03
8.	0.2124E+03	-0.8103E+02	0.1837E+03	-0.5499E+02	0.4389E+03	-0.7924E+02
9.	0.1035E+04	-0.1180E+03	0.1068E+04	-0.1059E+03	0.1195E+04	-0.1205E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2494E+05	0.0000E+00	-0.4978E+05	0.0000E+00	-0.5230E+05	0.0000E+00
1.	0.1933E+04	-0.1071E+02	0.1104E+04	-0.6656E+01	0.6336E+03	0.3395E+02
2.	0.8000E+03	-0.3827E+02	0.5387E+03	-0.2490E+02	0.4873E+03	-0.1726E+02
3.	0.1822E+04	-0.1122E+03	0.5069E+03	-0.1224E+03	0.1691E+03	0.5738E+02
4.	0.9404E+03	-0.4925E+02	0.9883E+02	-0.6829E+02	0.4084E+03	0.1181E+03
5.	0.1135E+04	-0.7590E+02	0.8321E+03	-0.8503E+02	0.3871E+03	-0.9998E+02
6.	0.8954E+03	0.1102E+03	0.8066E+03	0.1146E+03	0.6315E+03	0.1199E+03
7.	0.4113E+03	0.1442E+03	0.7462E+03	0.1746E+03	0.6107E+03	-0.1592E+03
8.	0.3632E+03	-0.3359E+02	0.2088E+03	-0.7988E+02	0.3571E+03	-0.8248E+02
9.	0.9114E+03	-0.3808E+02	0.6140E+03	-0.7849E+02	0.2735E+03	-0.1269E+03

Table IV-31. Harmonic edgewise loads data, 102 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8397E+05	0.0000E+00	0.1163E+04	0.0000E+00	0.1193E+06	0.0000E+00
1.	0.2200E+05	-0.2719E+02	0.8826E+03	-0.4203E+02	0.1612E+05	-0.3423E+02
2.	0.7109E+03	0.1261E+03	0.2282E+02	0.4790E+02	0.3328E+03	0.1300E+03
3.	0.1222E+05	-0.1151E+03	0.4676E+03	-0.1243E+03	0.1065E+05	-0.1179E+03
4.	0.2116E+04	-0.1573E+03	0.4476E+02	-0.1641E+03	0.6300E+03	-0.1252E+03
5.	0.3529E+04	-0.1366E+03	0.1344E+03	-0.1383E+03	0.4099E+04	-0.1217E+03
6.	0.9699E+03	-0.5944E+02	0.1591E+02	-0.9007E+02	0.2959E+04	0.1182E+03
7.	0.8533E+03	-0.7476E+02	0.3715E+02	-0.1205E+03	0.1865E+04	-0.5526E+02
8.	0.1385E+04	0.8111E+02	0.3681E+02	0.3478E+02	0.2809E+04	0.6773E+02
9.	0.8966E+03	0.1411E+03	0.5178E+02	0.6056E+02	0.6456E+03	0.1119E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1203E+06	0.0000E+00	0.1136E+06	0.0000E+00	0.9099E+05	0.0000E+00
1.	0.1279E+05	-0.3816E+02	0.9681E+04	-0.3891E+02	0.6084E+04	-0.3298E+02
2.	0.4928E+02	-0.3623E+02	0.7072E+03	-0.5630E+02	0.4082E+03	-0.5564E+02
3.	0.9111E+04	-0.1260E+03	0.7592E+04	-0.1267E+03	0.5363E+04	-0.1282E+03
4.	0.5491E+03	-0.1252E+03	0.6413E+03	-0.6278E+02	0.6441E+03	-0.1183E+03
5.	0.4001E+04	-0.1358E+03	0.3458E+04	-0.1353E+03	0.3374E+04	-0.1272E+03
6.	0.3299E+04	0.1040E+03	0.3755E+04	0.1048E+03	0.2949E+04	0.1046E+03
7.	0.1691E+04	-0.6742E+02	0.1605E+04	-0.6692E+02	0.1545E+04	-0.5345E+02
8.	0.3034E+04	0.4676E+02	0.2961E+04	0.4589E+02	0.3016E+04	0.4630E+02
9.	0.4410E+03	0.9550E+02	0.1944E+03	0.1549E+03	0.1491E+03	0.1181E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2468E+05	0.0000E+00	-0.4922E+05	0.0000E+00	-0.5384E+05	0.0000E+00
1.	0.2575E+04	-0.6007E+02	0.1309E+04	-0.4402E+02	0.6786E+03	0.1569E+02
2.	0.1054E+04	-0.6766E+02	0.4012E+03	-0.1639E+03	0.4368E+03	0.1370E+03
3.	0.2190E+04	-0.1137E+03	0.8967E+03	-0.1257E+03	0.2696E+03	-0.1423E+03
4.	0.1007E+04	0.1198E+00	0.1109E+03	-0.1248E+03	0.6254E+03	-0.1727E+03
5.	0.1155E+04	-0.1208E+03	0.1168E+04	-0.1172E+03	0.7736E+03	-0.1007E+03
6.	0.2151E+04	0.1201E+03	0.6541E+03	0.1207E+03	0.3542E+03	-0.5843E+02
7.	0.8706E+03	-0.2457E+02	0.7535E+03	-0.1358E+02	0.5300E+03	-0.2695E+01
8.	0.1508E+04	0.7617E+02	0.1267E+04	0.7800E+02	0.7291E+03	0.7807E+02
9.	0.5202E+03	-0.7171E+02	0.1316E+03	-0.3359E+02	0.3223E+03	0.9695E+02

Table IV-32. Harmonic edgewise loads data, 103 KTAS, 200 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5160E+05	0.0000E+00	0.1444E+03	0.0000E+00	0.1090E+06	0.0000E+00
1.	0.1861E+05	0.1080E+02	0.6540E+03	-0.1936E+01	0.1307E+05	0.2371E+01
2.	0.1467E+04	-0.1219E+03	0.1404E+02	-0.8798E+02	0.4720E+03	0.2506E+02
3.	0.9739E+04	-0.1075E+03	0.3892E+03	-0.1180E+03	0.9665E+04	-0.1122E+03
4.	0.1085E+04	-0.1489E+03	0.5888E+02	-0.1389E+03	0.1048E+04	0.7014E+02
5.	0.2957E+04	-0.7729E+02	0.1114E+03	-0.8171E+02	0.3522E+04	-0.6139E+02
6.	0.1118E+04	0.8266E+02	0.3098E+02	0.7480E+02	0.4652E+04	0.1289E+03
7.	0.1738E+04	-0.1211E+03	0.7631E+02	-0.1480E+03	0.1740E+04	-0.1358E+03
8.	0.3823E+03	-0.6313E+02	0.1039E+02	-0.5457E+02	0.9282E+03	0.1040E+03
9.	0.4195E+03	-0.1600E+03	0.7191E+01	0.1766E+03	0.4831E+03	0.1795E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1123E+06	0.0000E+00	0.1078E+06	0.0000E+00	0.8916E+05	0.0000E+00
1.	0.1080E+05	0.3700E+01	0.8352E+04	0.3185E+01	0.5357E+04	0.9822E+01
2.	0.9218E+03	-0.7549E+02	0.1032E+04	-0.5781E+02	0.1907E+04	-0.7470E+02
3.	0.7609E+04	-0.1155E+03	0.6368E+04	-0.1151E+03	0.4193E+04	-0.1119E+03
4.	0.1059E+04	0.5852E+02	0.1222E+04	0.3493E+02	0.1323E+04	0.4995E+02
5.	0.2768E+04	-0.7626E+02	0.2410E+04	-0.7247E+02	0.2388E+04	-0.7412E+02
6.	0.4376E+04	0.1143E+03	0.4573E+04	0.1177E+03	0.3717E+04	0.1128E+03
7.	0.1481E+04	0.1492E+03	0.1284E+04	0.1355E+03	0.1800E+04	0.1345E+03
8.	0.9013E+03	0.7698E+02	0.1061E+04	0.7996E+02	0.8882E+03	0.8042E+02
9.	0.1083E+04	0.1575E+03	0.1245E+04	0.1637E+03	0.1080E+04	0.1599E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2364E+05	0.0000E+00	-0.4788E+05	0.0000E+00	-0.5242E+05	0.0000E+00
1.	0.2167E+04	-0.1425E+02	0.9553E+03	-0.3601E+02	0.3773E+03	-0.9949E+02
2.	0.3486E+03	-0.4773E+02	0.6303E+03	-0.6878E+02	0.7159E+03	-0.3058E+02
3.	0.1889E+04	-0.1017E+03	0.8366E+03	-0.1204E+03	0.7375E+03	-0.1513E+03
4.	0.1454E+04	0.2977E+02	0.7274E+03	0.4950E+02	0.4698E+03	0.8545E+02
5.	0.9687E+03	-0.3398E+02	0.1085E+04	-0.5310E+02	0.9481E+03	-0.6720E+02
6.	0.2448E+04	0.1458E+03	0.1487E+04	0.1324E+03	0.1071E+04	0.1107E+03
7.	0.6237E+03	0.9944E+02	0.5173E+03	0.1893E+03	0.7903E+03	-0.1204E+03
8.	0.9325E+03	0.1282E+03	0.6189E+03	0.1261E+03	0.3009E+03	0.1287E+03
9.	0.5535E+03	-0.1347E+03	0.2734E+03	-0.1734E+03	0.1807E+03	0.9639E+02

Table IV-33. Harmonic edgewise loads data, 98 KTAS, 400 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5807E+05	0.0000E+00	0.3665E+03	0.0000E+00	0.1107E+06	0.0000E+00
1.	0.1826E+05	0.1373E+02	0.6239E+03	0.7784E+00	0.1248E+05	0.4654E+01
2.	0.1354E+04	0.8762E+02	0.6677E+02	0.4331E+02	0.1016E+04	0.7058E+02
3.	0.1171E+05	-0.1220E+03	0.4641E+03	-0.1323E+03	0.1057E+05	-0.1283E+03
4.	0.2623E+04	0.1499E+03	0.7144E+02	0.1612E+03	0.1860E+04	0.1178E+03
5.	0.3971E+04	-0.9627E+02	0.1434E+03	-0.1076E+03	0.3808E+04	-0.9278E+02
6.	0.5230E+03	0.6003E+02	0.2936E+02	0.7258E+02	0.4658E+04	0.9430E+02
7.	0.2881E+03	0.7169E+02	0.8628E+01	-0.1044E+03	0.2259E+04	0.7865E+02
8.	0.6978E+03	-0.1113E+03	0.3271E+02	-0.1419E+03	0.1075E+04	0.1458E+03
9.	0.6741E+03	0.1008E+03	0.2544E+02	0.6487E+02	0.1399E+04	0.8679E+02

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1144E+06	0.0000E+00	0.1087E+06	0.0000E+00	0.9045E+05	0.0000E+00
1.	0.1031E+05	0.4602E+01	0.7879E+04	0.4914E+01	0.5068E+04	0.1238E+02
2.	0.1058E+04	0.1141E+02	0.1199E+04	-0.3635E+01	0.1074E+04	-0.3210E+02
3.	0.9072E+04	-0.1296E+03	0.7328E+04	-0.1305E+03	0.5389E+04	-0.1252E+03
4.	0.1214E+04	0.8870E+02	0.8683E+03	0.4296E+02	0.1137E+04	0.7619E+02
5.	0.3620E+04	-0.9911E+02	0.3034E+04	-0.9669E+02	0.3111E+04	-0.9726E+02
6.	0.4640E+04	0.8290E+02	0.4842E+04	0.8450E+02	0.4023E+04	0.8340E+02
7.	0.2314E+04	0.6051E+02	0.2282E+04	0.6088E+02	0.2818E+04	0.5967E+02
8.	0.1264E+04	0.1337E+03	0.1323E+04	0.1208E+03	0.1103E+04	0.1350E+03
9.	0.1163E+04	0.6512E+02	0.8618E+03	0.7005E+02	0.1033E+04	0.5249E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2327E+05	0.0000E+00	-0.4726E+05	0.0000E+00	-0.5243E+05	0.0000E+00
1.	0.1819E+04	-0.6861E+01	0.5458E+03	-0.3496E+01	0.5028E+03	0.1208E+03
2.	0.4183E+03	-0.7000E+02	0.4356E+03	-0.1514E+03	0.5990E+03	-0.1757E+03
3.	0.1683E+04	-0.1235E+03	0.9190E+03	-0.1220E+03	0.5302E+03	-0.1345E+03
4.	0.1183E+04	0.3308E+01	0.7597E+03	0.8758E+02	0.1383E+04	0.1254E+03
5.	0.8002E+03	-0.7181E+02	0.7227E+03	-0.1003E+03	0.4369E+03	-0.1409E+03
6.	0.2402E+04	0.1013E+03	0.1373E+04	0.9805E+02	0.4340E+03	0.8607E+02
7.	0.1476E+04	0.7413E+02	0.1515E+04	0.7112E+02	0.1333E+04	0.7382E+02
8.	0.1002E+04	0.1205E+03	0.4421E+03	0.1395E+03	0.1380E+03	0.1685E+03
9.	0.2240E+02	0.3004E+02	0.4086E+03	0.8127E+02	0.7338E+03	0.6552E+02

Table IV-34. Harmonic edgewise loads data, 98 KTAS, 600 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5846E+05	0.0000E+00	0.3289E+03	0.0000E+00	0.1132E+06	0.0000E+00
1.	0.1840E+05	0.6004E+01	0.6323E+03	-0.5668E+01	0.1398E+05	-0.3646E+01
2.	0.1779E+04	0.2743E+02	0.7100E+02	0.1900E+01	0.2205E+04	0.7981E+01
3.	0.1172E+05	-0.1169E+03	0.4593E+03	-0.1247E+03	0.1059E+05	-0.1218E+03
4.	0.3288E+04	0.1673E+03	0.1106E+03	0.1684E+03	0.1948E+04	0.1400E+03
5.	0.2091E+04	-0.9043E+02	0.9160E+02	-0.9495E+02	0.3014E+04	-0.7215E+02
6.	0.1787E+04	0.9154E+02	0.6797E+02	0.9508E+02	0.5211E+04	0.1082E+03
7.	0.1168E+04	-0.7995E+02	0.5810E+02	-0.1274E+03	0.1171E+04	0.1442E+03
8.	0.1075E+04	0.4921E+02	0.2620E+02	0.2371E+02	0.2272E+03	0.1410E+03
9.	0.1405E+04	0.1781E+03	0.4674E+02	0.1332E+03	0.1474E+04	0.1183E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1151E+06	0.0000E+00	0.1089E+06	0.0000E+00	0.9187E+05	0.0000E+00
1.	0.1121E+05	-0.1820E+01	0.8591E+04	-0.1113E+01	0.5785E+04	0.1163E+01
2.	0.1919E+04	-0.6167E+01	0.1754E+04	-0.1363E+02	0.2251E+04	-0.2202E+02
3.	0.9001E+04	-0.1232E+03	0.7424E+04	-0.1224E+03	0.5106E+04	-0.1230E+03
4.	0.1392E+04	0.1108E+03	0.9828E+03	0.6016E+02	0.1189E+04	0.1003E+03
5.	0.2519E+04	-0.8414E+02	0.2312E+04	-0.8168E+02	0.2153E+04	-0.8032E+02
6.	0.5211E+04	0.1006E+03	0.5261E+04	0.1014E+03	0.4561E+04	0.1000E+03
7.	0.1124E+04	0.9916E+02	0.1366E+04	0.9097E+02	0.1510E+04	0.8508E+02
8.	0.8579E+03	0.9555E+02	0.9542E+03	0.1118E+03	0.7272E+03	0.8137E+02
9.	0.1755E+04	0.8945E+02	0.1437E+04	0.8412E+02	0.1627E+04	0.7646E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2373E+05	0.0000E+00	-0.4800E+05	0.0000E+00	-0.5046E+05	0.0000E+00
1.	0.2104E+04	-0.9183E+01	0.1480E+04	-0.3392E+02	0.1091E+04	-0.5012E+02
2.	0.4442E+03	-0.7510E+02	0.7027E+03	-0.2960E+02	0.1147E+04	-0.1453E+02
3.	0.1750E+04	-0.1086E+03	0.7055E+03	-0.1360E+03	0.5575E+03	0.1519E+03
4.	0.1639E+04	0.6998E+01	0.4793E+03	0.1332E+03	0.1292E+04	0.1674E+03
5.	0.1053E+04	-0.6073E+02	0.8771E+03	-0.6422E+02	0.6916E+03	-0.5933E+02
6.	0.2457E+04	0.1150E+03	0.1406E+04	0.1040E+03	0.7316E+03	0.7984E+02
7.	0.1360E+04	0.9604E+02	0.8156E+03	0.1086E+03	0.5832E+03	0.1345E+03
8.	0.8342E+03	0.1594E+03	0.1135E+03	0.1049E+03	0.3868E+03	-0.5747E+02
9.	0.4523E+03	0.6671E+02	0.6754E+03	0.8526E+02	0.6899E+03	0.8850E+02

Table IV-35. Harmonic edgewise loads data, 99 KTAS, 800 FPM R/S

HARMONIC	FRACTN RADIUS 0.02		FRACTN RADIUS 0.04		FRACTN RADIUS 0.23	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.4903E+05	0.0000E+00	0.5146E+02	0.0000E+00	0.1096E+06	0.0000E+00
1.	0.1693E+05	0.1851E+02	0.5729E+03	0.7367E+01	0.1219E+05	0.9484E+01
2.	0.2019E+04	0.1669E+03	0.6003E+02	0.1395E+03	0.1201E+04	0.1615E+03
3.	0.9876E+04	-0.1270E+03	0.3778E+03	-0.1347E+03	0.8794E+04	-0.1254E+03
4.	0.2429E+04	-0.1772E+03	0.7369E+02	-0.1714E+03	0.1105E+04	0.1351E+03
5.	0.3064E+04	-0.8207E+02	0.1025E+03	-0.9377E+02	0.2375E+04	-0.6807E+02
6.	0.3708E+03	-0.1772E+03	0.2581E+02	0.1452E+03	0.3535E+04	0.1323E+03
7.	0.1844E+03	-0.9951E+02	0.2225E+02	-0.1612E+03	0.2245E+04	0.1209E+03
8.	0.1865E+03	0.1631E+03	0.6903E+01	-0.2107E+02	0.7750E+03	0.9854E+02
9.	0.3009E+03	-0.1571E+03	0.3533E+02	0.1135E+03	0.5157E+03	0.1766E+03

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.39		FRACTN RADIUS 0.50	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1120E+06	0.0000E+00	0.1063E+06	0.0000E+00	0.9039E+05	0.0000E+00
1.	0.9696E+04	0.8967E+01	0.7494E+04	0.9378E+01	0.4645E+04	0.1437E+02
2.	0.6105E+03	-0.1772E+03	0.1032E+03	-0.1089E+03	0.1132E+04	-0.1047E+03
3.	0.7493E+04	-0.1309E+03	0.6185E+04	-0.1294E+03	0.4148E+04	-0.1310E+03
4.	0.8002E+03	0.1081E+03	0.7717E+03	0.4685E+02	0.7232E+03	0.7835E+02
5.	0.2445E+04	-0.7797E+02	0.1957E+04	-0.7443E+02	0.2275E+04	-0.7448E+02
6.	0.3870E+04	0.1186E+03	0.4057E+04	0.1171E+03	0.3249E+04	0.1176E+03
7.	0.2464E+04	0.9299E+02	0.2549E+04	0.9006E+02	0.2754E+04	0.9090E+02
8.	0.8232E+03	0.7401E+02	0.8799E+03	0.7492E+02	0.8370E+03	0.6593E+02
9.	0.6021E+03	0.1300E+03	0.4940E+03	0.1417E+03	0.3084E+03	0.1159E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.80		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2378E+05	0.0000E+00	-0.4572E+05	0.0000E+00	-0.5067E+05	0.0000E+00
1.	0.1874E+04	0.3020E+01	0.7412E+03	-0.2590E+02	0.8933E+02	-0.8305E+02
2.	0.1202E+03	-0.6891E+02	0.8288E+03	-0.1214E+03	0.9341E+03	-0.1176E+03
3.	0.1485E+04	-0.1084E+03	0.5868E+03	-0.1315E+03	0.2234E+03	-0.1791E+03
4.	0.1457E+04	0.2023E+02	0.3684E+03	0.7273E+02	0.7039E+03	0.1635E+03
5.	0.4159E+03	-0.3245E+02	0.8493E+03	-0.7027E+02	0.6614E+03	-0.7829E+02
6.	0.1977E+04	0.1344E+03	0.8791E+03	0.1386E+03	0.1084E+03	-0.1637E+03
7.	0.1593E+04	0.9695E+02	0.1102E+04	0.1032E+03	0.6389E+03	0.1133E+03
8.	0.6357E+03	0.1100E+03	0.3411E+03	0.1142E+03	0.8178E+02	0.1252E+03
9.	0.1788E+03	-0.6990E+02	0.5738E+02	-0.5206E+02	0.1588E+03	0.1616E+03



Table IV-36. Harmonic torsion data, 159 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.8479E+04	0.0000E+00	-0.3703E+04	0.0000E+00	-0.2481E+04	0.0000E+00
1.	0.4481E+04	0.2677E+02	0.4487E+04	0.2849E+02	0.4139E+04	0.4118E+02
2.	0.5010E+04	-0.1776E+03	0.3699E+04	-0.1678E+03	0.2484E+04	-0.1642E+03
3.	0.1375E+04	0.6150E+02	0.6888E+03	0.4478E+02	0.3346E+03	-0.6219E+02
4.	0.6999E+03	0.1679E+03	0.6919E+03	-0.1780E+03	0.5067E+03	-0.1719E+03
5.	0.4024E+03	-0.1425E+02	0.2417E+03	0.2130E+02	0.1849E+03	0.1692E+02
6.	0.4876E+03	-0.7312E+02	0.4285E+03	-0.5879E+02	0.3138E+03	-0.5753E+02
7.	0.9863E+03	-0.1825E+02	0.4377E+03	-0.8220E+01	0.1666E+03	-0.2131E+02
8.	0.2752E+03	-0.1127E+02	0.1097E+03	-0.5413E+02	0.1923E+03	-0.1213E+03
9.	0.1513E+03	0.1695E+03	0.4257E+02	-0.2853E+02	0.2092E+03	-0.1117E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.9455E+03	0.0000E+00
1.	0.2599E+04	0.3706E+02
2.	0.9572E+03	-0.1243E+03
3.	0.5667E+03	-0.1170E+03
4.	0.2237E+03	-0.1215E+03
5.	0.2532E+03	-0.1637E+01
6.	0.1517E+03	-0.3093E+02
7.	0.2534E+03	-0.5229E+01
8.	0.9362E+02	-0.5400E+02
9.	0.8044E+02	0.3687E+02

Table IV-37. Harmonic torsion data, 146 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.7690E+04	0.0000E+00	-0.2986E+04	0.0000E+00	-0.1912E+04	0.0000E+00
1.	0.4017E+04	0.2763E+02	0.3916E+04	0.2857E+02	0.3620E+04	0.4148E+02
2.	0.4164E+04	0.1797E+03	0.3136E+04	-0.1715E+03	0.2106E+04	-0.1573E+03
3.	0.1424E+04	0.4017E+02	0.9101E+03	0.3237E+02	0.3582E+03	-0.8428E+01
4.	0.6092E+03	-0.1623E+03	0.6397E+03	-0.1620E+03	0.4140E+03	-0.1608E+03
5.	0.3947E+03	-0.2465E+02	0.2418E+03	-0.3238E+01	0.1988E+03	0.3834E+01
6.	0.5088E+03	-0.9928E+02	0.4962E+03	-0.9733E+02	0.4008E+03	-0.9410E+02
7.	0.9128E+03	0.6037E+01	0.3052E+03	-0.5746E+01	0.1123E+03	-0.5361E+02
8.	0.2200E+03	0.3811E+02	0.9451E+02	0.1685E+03	0.3284E+03	-0.1633E+03
9.	0.2153E+03	0.1498E+03	0.1411E+02	0.7119E+02	0.1977E+03	-0.3357E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.1298E+04	0.0000E+00
1.	0.2232E+04	0.3569E+02
2.	0.8535E+03	-0.1289E+03
3.	0.3320E+03	-0.1132E+03
4.	0.1840E+03	-0.9580E+02
5.	0.1997E+03	0.4526E+00
6.	0.1226E+03	-0.8184E+02
7.	0.1968E+03	0.1554E+02
8.	0.8840E+02	-0.1732E+03
9.	0.6869E+02	0.4227E+02

Table IV-38. Harmonic torsion data, 129 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.6828E+04	0.0000E+00	-0.2398E+04	0.0000E+00	-0.1426E+04	0.0000E+00
1.	0.3426E+04	0.2959E+02	0.3353E+04	0.3151E+02	0.3163E+04	0.4424E+02
2.	0.3445E+04	-0.1767E+03	0.2595E+04	-0.1671E+03	0.1698E+04	-0.1507E+03
3.	0.1267E+04	0.3936E+02	0.8254E+03	0.4056E+02	0.2858E+03	0.1401E+02
4.	0.4308E+03	-0.1378E+03	0.4559E+03	-0.1404E+03	0.2705E+03	-0.1344E+03
5.	0.4132E+03	-0.1442E+02	0.3154E+03	0.5768E+01	0.2298E+03	0.2575E+02
6.	0.6081E+03	-0.7597E+02	0.5941E+03	-0.6926E+02	0.4556E+03	-0.6409E+02
7.	0.9253E+03	0.1392E+02	0.2844E+03	-0.6790E+01	0.1555E+03	-0.6347E+02
8.	0.1380E+03	0.6854E+02	0.7069E+02	-0.1794E+03	0.1693E+03	-0.1581E+03
9.	0.1212E+03	-0.1797E+03	0.2555E+02	0.1217E+03	0.1368E+03	0.1033E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.1521E+04	0.0000E+00
1.	0.1864E+04	0.3750E+02
2.	0.7341E+03	-0.1249E+03
3.	0.2463E+03	-0.1015E+03
4.	0.1574E+03	-0.5673E+02
5.	0.2046E+03	0.3051E+02
6.	0.1380E+03	-0.6418E+02
7.	0.2085E+03	0.1611E+02
8.	0.7171E+02	0.1712E+03
9.	0.5340E+02	0.8398E+02

Table IV-39. Harmonic torsion data, 116 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.6140E+04	0.0000E+00	-0.1943E+04	0.0000E+00	-0.1027E+04	0.0000E+00
1.	0.3301E+04	0.3240E+02	0.3055E+04	0.3162E+02	0.2850E+04	0.4356E+02
2.	0.2845E+04	-0.1728E+03	0.2120E+04	-0.1843E+03	0.1368E+04	-0.1459E+03
3.	0.1080E+04	0.4772E+02	0.6797E+03	0.4470E+02	0.2658E+03	0.2648E+02
4.	0.3992E+03	-0.1065E+03	0.4583E+03	-0.1101E+03	0.3118E+03	-0.1017E+03
5.	0.4004E+03	0.1917E+01	0.2906E+03	0.2799E+01	0.2014E+03	0.2300E+02
6.	0.7409E+03	-0.6261E+02	0.7124E+03	-0.5963E+02	0.5047E+03	-0.5581E+02
7.	0.8954E+03	0.3784E+02	0.2431E+03	0.1999E+02	0.1110E+03	-0.2567E+02
8.	0.1912E+03	0.1424E+03	0.4708E+02	-0.1148E+03	0.9174E+02	-0.5180E+02
9.	0.1162E+03	-0.1357E+03	0.7465E+02	0.1324E+03	0.2136E+03	0.5492E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.1692E+04	0.0000E+00
1.	0.1637E+04	0.3724E+02
2.	0.6102E+03	-0.1241E+03
3.	0.1637E+03	-0.9540E+02
4.	0.1540E+03	-0.3793E+02
5.	0.1854E+03	0.4019E+02
6.	0.1810E+03	-0.5557E+02
7.	0.1923E+03	0.3515E+02
8.	0.1412E+02	0.1035E+03
9.	0.8665E+02	0.1146E+03

Table IV-40. Harmonic torsion data, 98 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.5793E+04	0.0000E+00	-0.1480E+04	0.0000E+00	-0.8123E+03	0.0000E+00
1.	0.2707E+04	0.3746E+02	0.2535E+04	0.3485E+02	0.2360E+04	0.4631E+02
2.	0.2117E+04	-0.1635E+03	0.1562E+04	-0.1541E+03	0.9247E+03	-0.1395E+03
3.	0.7848E+03	0.8686E+02	0.3946E+03	0.1036E+03	0.1629E+03	0.1470E+03
4.	0.4628E+03	-0.1073E+03	0.4793E+03	-0.1105E+03	0.3285E+03	-0.1050E+03
5.	0.2542E+03	-0.3746E+02	0.1543E+03	-0.6991E+01	0.1439E+03	0.4129E+02
6.	0.8960E+03	-0.3507E+02	0.8042E+03	-0.1959E+02	0.6270E+03	-0.7667E+01
7.	0.7495E+03	0.7883E+02	0.2198E+03	0.4825E+02	0.1843E+03	0.4862E+01
8.	0.2948E+03	0.1471E+03	0.5115E+02	0.1399E+03	0.1161E+03	-0.2132E+02
9.	0.1201E+03	-0.8688E+02	0.7429E+02	-0.1743E+03	0.1895E+03	0.1272E+03

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.1839E+04	0.0000E+00
1.	0.1335E+04	0.3932E+02
2.	0.4471E+03	-0.1218E+03
3.	0.2055E+03	-0.1224E+03
4.	0.1305E+03	-0.5293E+02
5.	0.1244E+03	0.6692E+02
6.	0.2281E+03	-0.8206E+01
7.	0.1654E+03	0.6615E+02
8.	0.3263E+02	0.1167E+03
9.	0.8739E+02	0.1495E+03

Table IV-41. Harmonic torsion data, 82 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.5639E+04	0.0000E+00	-0.1337E+04	0.0000E+00	-0.6678E+03	0.0000E+00
1.	0.2324E+04	0.4069E+02	0.2162E+04	0.3649E+02	0.2036E+04	0.4702E+02
2.	0.1417E+04	-0.1510E+03	0.9683E+03	-0.1470E+03	0.4685E+03	-0.1192E+03
3.	0.8724E+03	0.9571E+02	0.5960E+03	0.1148E+03	0.4423E+03	0.1339E+03
4.	0.3387E+03	0.1487E+03	0.3024E+03	0.1458E+03	0.2611E+03	0.1474E+03
5.	0.3755E+03	-0.9598E+02	0.1651E+03	-0.9559E+02	0.7913E+02	-0.5273E+00
6.	0.2308E+03	-0.3916E+02	0.2354E+03	-0.4969E+01	0.2703E+03	0.1810E+02
7.	0.7109E+03	0.1691E+03	0.4847E+02	0.1202E+03	0.2063E+03	-0.9022E+01
8.	0.2922E+03	-0.1319E+03	0.1409E+03	0.1713E+01	0.2350E+03	0.5460E+01
9.	0.1446E+03	0.2123E+02	0.6290E+02	-0.1017E+03	0.2048E+03	-0.1536E+03

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.1901E+04	0.0000E+00
1.	0.1124E+04	0.3667E+02
2.	0.2857E+03	-0.9703E+02
3.	0.9693E+02	-0.1625E+03
4.	0.3987E+02	0.3381E+02
5.	0.6924E+02	0.4802E+02
6.	0.3770E+02	0.4424E+00
7.	0.8756E+02	-0.1783E+03
8.	0.8604E+02	0.1347E+01
9.	0.6133E+02	-0.1273E+03

Table IV-42. Harmonic torsion data, 102 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.5348E+04	0.0000E+00	-0.1382E+04	0.0000E+00	-0.5685E+03	0.0000E+00
1.	0.2636E+04	0.2541E+02	0.2625E+04	0.2605E+02	0.2467E+04	0.3767E+02
2.	0.1840E+04	-0.1798E+03	0.1291E+04	-0.1689E+03	0.7210E+03	-0.1571E+03
3.	0.1000E+04	0.7391E+02	0.6703E+03	0.9913E+02	0.4097E+03	0.1262E+03
4.	0.2734E+03	-0.1378E+03	0.2607E+03	-0.1304E+03	0.2197E+03	-0.1357E+03
5.	0.4466E+03	-0.1202E+03	0.2780E+03	-0.1198E+03	0.1568E+03	-0.8403E+02
6.	0.8043E+03	-0.5932E+02	0.7048E+03	-0.4012E+02	0.5613E+03	-0.2358E+02
7.	0.4428E+03	0.6152E+01	0.9304E+02	-0.9250E+02	0.1782E+03	-0.1235E+03
8.	0.1035E+03	0.1247E+03	0.1434E+03	0.5828E+02	0.1835E+03	0.4072E+02
9.	0.8092E+02	-0.6284E+02	0.7655E+02	0.1329E+03	0.6645E+02	0.8331E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.1998E+04	0.0000E+00
1.	0.1403E+04	0.3048E+02
2.	0.3492E+03	-0.1304E+03
3.	0.1888E+03	-0.1653E+03
4.	0.9112E+02	-0.7270E+02
5.	0.8754E+02	-0.6712E+01
6.	0.1758E+03	-0.2370E+02
7.	0.8979E+02	-0.6259E+02
8.	0.1041E+03	0.5683E+02
9.	0.4395E+02	0.1053E+03

Table IV-43. Harmonic torsion data, 103 KTAS, 200 FPM R/S

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.4100E+04	0.0000E+00	-0.4637E+03	0.0000E+00	0.1452E+03	0.0000E+00
1.	0.2252E+04	0.3467E+02	0.2307E+04	0.3591E+02	0.2209E+04	0.4827E+02
2.	0.2140E+04	-0.1584E+03	0.1624E+04	-0.1453E+03	0.1087E+04	-0.1280E+03
3.	0.9009E+03	0.9881E+02	0.6622E+03	0.1252E+03	0.4362E+03	0.1510E+03
4.	0.4794E+03	-0.1306E+03	0.5194E+03	-0.1272E+03	0.3230E+03	-0.1276E+03
5.	0.3776E+03	-0.6098E+02	0.2708E+03	-0.4619E+02	0.9095E+02	-0.1401E+02
6.	0.8710E+03	-0.4189E+02	0.8689E+03	-0.2081E+02	0.6838E+03	-0.6884E+01
7.	0.4763E+03	0.6929E+02	0.9275E+02	-0.1679E+02	0.1728E+03	-0.5845E+02
8.	0.3898E+03	-0.1759E+03	0.8618E+02	-0.1591E+03	0.1389E+03	0.1383E+02
9.	0.1567E+03	-0.9688E+02	0.1123E+03	-0.1752E+03	0.1188E+03	0.1085E+03

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.2271E+04	0.0000E+00
1.	0.1253E+04	0.4010E+02
2.	0.5182E+03	-0.1171E+03
3.	0.2238E+03	-0.1578E+03
4.	0.1065E+03	-0.5129E+02
5.	0.8634E+02	0.6031E+02
6.	0.2153E+03	-0.9440E+01
7.	0.5743E+02	0.2520E+02
8.	0.6275E+02	-0.1344E+03
9.	0.7418E+02	-0.1627E+03



Table IV-44. Harmonic torsion data, 98 KTAS, 400 FPM R/S

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.4166E+04	0.0000E+00	-0.4921E+03	0.0000E+00	0.1939E+03	0.0000E+00
1.	0.2111E+04	0.2997E+02	0.2191E+04	0.3108E+02	0.2106E+04	0.4433E+02
2.	0.1898E+04	-0.1646E+03	0.1372E+04	-0.1534E+03	0.8428E+03	-0.1364E+03
3.	0.6574E+03	0.9294E+02	0.5502E+03	0.1248E+03	0.4064E+03	0.1594E+03
4.	0.4149E+03	-0.1737E+03	0.4159E+03	-0.1617E+03	0.3233E+03	-0.1691E+03
5.	0.4320E+03	-0.8398E+02	0.3106E+03	-0.6416E+02	0.1726E+03	-0.3092E+02
6.	0.6930E+03	-0.6497E+02	0.6748E+03	-0.4247E+02	0.5418E+03	-0.2362E+02
7.	0.6082E+03	0.2936E+02	0.2100E+03	-0.3275E+01	0.1817E+03	-0.2986E+02
8.	0.3170E+03	0.1715E+03	0.5089E+02	0.1572E+03	0.8813E+02	-0.2325E+02
9.	0.1059E+03	-0.1324E+03	0.9688E+02	0.1295E+03	0.1400E+03	0.5938E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.2270E+04	0.0000E+00
1.	0.1214E+04	0.3484E+02
2.	0.4163E+03	-0.1215E+03
3.	0.2492E+03	-0.1524E+03
4.	0.7612E+02	-0.7079E+02
5.	0.1287E+03	0.2507E+02
6.	0.1622E+03	-0.1905E+02
7.	0.1224E+03	0.4900E+01
8.	0.6064E+02	-0.1605E+03
9.	0.6740E+02	0.1247E+03

Table IV-45. Harmonic torsion data, 98 KTAS, 600 FPM R/S

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3986E+04	0.0000E+00	-0.3994E+03	0.0000E+00	0.2589E+03	0.0000E+00
1.	0.2232E+04	0.3054E+02	0.2291E+04	0.3341E+02	0.2177E+04	0.4500E+02
2.	0.1879E+04	-0.1807E+03	0.1405E+04	-0.1495E+03	0.8445E+03	-0.1279E+03
3.	0.7156E+03	0.9363E+02	0.5179E+03	0.1228E+03	0.3681E+03	0.1566E+03
4.	0.5242E+03	-0.1835E+03	0.5077E+03	-0.1580E+03	0.3930E+03	-0.1609E+03
5.	0.3219E+03	-0.7006E+02	0.2326E+03	-0.5096E+02	0.1382E+03	0.7260E+00
6.	0.7091E+03	-0.5156E+02	0.6742E+03	-0.3002E+02	0.5251E+03	-0.9649E+01
7.	0.3933E+03	0.2890E+02	0.1657E+03	-0.3506E+02	0.1910E+03	-0.4863E+02
8.	0.1927E+03	0.1520E+03	0.7263E+02	0.1201E+03	0.1356E+03	0.1404E+02
9.	0.9259E+02	-0.1532E+03	0.1188E+03	0.1539E+03	0.1497E+03	0.8259E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.2281E+04	0.0000E+00
1.	0.1236E+04	0.3596E+02
2.	0.4263E+03	-0.1134E+03
3.	0.2179E+03	-0.1493E+03
4.	0.8283E+02	-0.7703E+02
5.	0.1321E+03	0.4033E+02
6.	0.1489E+03	-0.6173E+01
7.	0.9609E+02	-0.2411E+02
8.	0.3705E+02	-0.1797E+03
9.	0.8084E+02	0.1452E+03

Table IV-46. Harmonic torsion data, 99 KTAS, 800 FPM R/S

HARMONIC	FRACTN RADIUS 0.31		FRACTN RADIUS 0.50		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.3747E+04	0.0000E+00	-0.1859E+03	0.0000E+00	0.3803E+03	0.0000E+00
1.	0.2036E+04	0.3103E+02	0.2090E+04	0.3409E+02	0.2014E+04	0.4747E+02
2.	0.1930E+04	-0.1000E+03	0.1412E+04	-0.1407E+03	0.9237E+03	-0.1321E+03
3.	0.7840E+03	0.1053E+03	0.0159E+03	0.1332E+03	0.4703E+03	0.1574E+03
4.	0.5704E+03	-0.1504E+03	0.5507E+03	-0.1400E+03	0.3924E+03	-0.1543E+03
5.	0.4147E+03	-0.7205E+02	0.2752E+03	-0.5015E+02	0.1255E+03	-0.1970E+02
6.	0.7094E+03	-0.0243E+02	0.0024E+03	-0.3550E+02	0.4950E+03	-0.1900E+02
7.	0.4072E+03	0.4237E+02	0.1570E+03	0.1504E+01	0.1304E+03	-0.1274E+02
8.	0.2607E+03	0.1574E+03	0.9495E+02	0.1700E+03	0.0020E+02	0.1020E+02
9.	0.7374E+02	-0.1034E+03	0.0050E+02	-0.1050E+03	0.1551E+02	0.5702E+02

HARMONIC	FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE
0.	0.2320E+04	0.0000E+00
1.	0.1140E+04	0.3092E+02
2.	0.4452E+03	-0.1200E+03
3.	0.2440E+03	-0.1509E+03
4.	0.0000E+02	-0.0140E+02
5.	0.1101E+03	0.4070E+02
6.	0.1413E+03	-0.2440E+02
7.	0.7042E+02	0.2225E+02
8.	0.7492E+02	-0.1533E+03
9.	0.5510E+02	-0.1470E+03

Table IV-47. Harmonic beamwise vibration data, 159 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8728E+00	0.0000E+00	0.5649E+01	0.0000E+00	0.1051E+02	0.0000E+00
1.	0.9887E-01	-0.1333E+01	0.2828E+01	-0.6083E+02	0.3696E+01	-0.5940E+02
2.	0.1235E+00	0.1562E+03	0.3581E+01	0.1126E+03	0.3501E+01	0.1104E+03
3.	0.3769E+00	-0.9204E+02	0.5143E+01	0.8108E+02	0.4648E+01	0.8408E+02
4.	0.4746E-01	-0.1732E+03	0.2559E+01	0.1651E+02	0.2183E+01	0.2216E+02
5.	0.8850E-01	-0.1402E+03	0.3088E+00	0.1666E+03	0.7544E+00	-0.1779E+03
6.	0.1184E+00	-0.1371E+03	0.2185E+00	-0.1031E+03	0.1494E+00	-0.1271E+03
7.	0.3472E+00	0.6651E+00	0.2678E+01	-0.4072E+01	0.9033E+00	-0.5204E+01
8.	0.3319E+00	0.1187E+03	0.1595E+01	0.1976E+02	0.9510E+00	0.2191E+02
9.	0.6542E-01	-0.4790E+02	0.1217E+01	0.1406E+03	0.7710E+00	0.1407E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8256E+01	0.0000E+00	0.1001E+02	0.0000E+00	0.3695E+00	0.0000E+00
1.	0.6913E+01	-0.6119E+02	0.8940E+01	-0.6681E+02	0.3203E+00	0.8340E+01
2.	0.4667E+01	0.1056E+03	0.3752E+01	0.8571E+02	0.1369E+00	-0.1049E+03
3.	0.4506E+01	0.8769E+02	0.3922E+01	-0.1013E+03	0.3133E+00	-0.1018E+03
4.	0.2175E+01	0.2338E+02	0.9581E+00	-0.4695E+02	0.4286E-01	0.9479E+02
5.	0.1655E+01	-0.1735E+03	0.4865E+00	-0.6380E+02	0.8053E-01	-0.4653E+02
6.	0.2361E+00	-0.1473E+03	0.3767E+00	-0.2745E+02	0.9547E-01	-0.1655E+02
7.	0.1749E+01	-0.1553E+03	0.6048E+00	-0.1561E+03	0.8188E-01	0.2397E+02
8.	0.3909E+00	-0.1116E+03	0.4584E+00	-0.1281E+03	0.4596E-01	-0.1418E+03
9.	0.3091E+00	0.3630E+00	0.6719E+00	-0.2657E+02	0.5061E-01	0.1573E+03

Table IV-48. Harmonic beamwise vibration data, 146 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8612E+00	0.0000E+00	0.3693E+01	0.0000E+00	0.1127E+02	0.0000E+00
1.	0.3879E-01	0.5535E+02	0.2418E+01	-0.5696E+02	0.3215E+01	-0.5787E+02
2.	0.5745E-01	0.1546E+03	0.3273E+01	0.1194E+03	0.3126E+01	0.1191E+03
3.	0.1632E+00	-0.1082E+03	0.3176E+01	0.7317E+02	0.2880E+01	0.7798E+02
4.	0.1161E+00	-0.1085E+03	0.1877E+01	0.9097E+01	0.1342E+01	0.1074E+02
5.	0.8350E-01	-0.1626E+03	0.1792E+00	-0.1573E+03	0.4828E+00	-0.1458E+03
6.	0.1487E+00	-0.8273E+02	0.2802E+00	-0.6711E+02	0.2162E+00	-0.6437E+02
7.	0.5260E+00	0.3423E+02	0.3396E+01	0.2191E+02	0.1173E+01	0.1918E+02
8.	0.3343E+00	0.1543E+03	0.1667E+01	0.3940E+02	0.1120E+01	0.3922E+02
9.	0.2566E+00	-0.5422E+02	0.1743E+01	0.1286E+03	0.1305E+01	0.1306E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.7028E+01	0.0000E+00	0.8511E+01	0.0000E+00	0.1425E+00	0.0000E+00
1.	0.6218E+01	-0.6071E+02	0.8012E+01	-0.6775E+02	0.2593E+00	0.1535E+02
2.	0.3972E+01	0.1170E+03	0.2688E+01	0.1055E+03	0.1690E+00	-0.9934E+02
3.	0.2624E+01	0.7947E+02	0.3551E+01	-0.9017E+02	0.2262E+00	-0.1095E+03
4.	0.1028E+01	0.1567E+01	0.9696E+00	-0.5427E+02	0.1330E+00	-0.3437E+02
5.	0.9849E+00	-0.1463E+03	0.5601E+00	-0.4078E+02	0.4331E-01	0.8568E+02
6.	0.3326E+00	-0.9442E+02	0.2672E+00	-0.6758E+02	0.1238E+00	-0.7107E+02
7.	0.2171E+01	-0.1263E+03	0.9905E+00	-0.1288E+03	0.2914E+00	0.5573E+02
8.	0.4729E+00	-0.5978E+02	0.6771E+00	-0.1147E+03	0.7803E-01	-0.1409E+03
9.	0.3644E+00	0.1751E+02	0.9458E+00	-0.3600E+02	0.9084E-01	0.2730E+02

Table IV-49. Harmonic beamwise vibration data, 129 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9667E+00	0.0000E+00	0.2331E+01	0.0000E+00	0.1084E+02	0.0000E+00
1.	0.6323E-01	-0.2998E+02	0.2146E+01	-0.6445E+02	0.2863E+01	-0.6338E+02
2.	0.1104E+00	0.1692E+03	0.3085E+01	0.1374E+03	0.2958E+01	0.1387E+03
3.	0.7800E-01	-0.1221E+03	0.2073E+01	0.6233E+02	0.1846E+01	0.7205E+02
4.	0.9143E-01	-0.8791E+02	0.1360E+01	0.9836E+01	0.8644E+00	0.9325E+01
5.	0.1926E+00	-0.1001E+03	0.4159E+00	-0.1102E+03	0.7329E+00	-0.1001E+03
6.	0.3430E-01	-0.6057E+02	0.4865E+00	-0.6574E+02	0.5203E+00	-0.5905E+02
7.	0.5842E+00	0.3797E+02	0.3682E+01	0.2856E+02	0.1401E+01	0.2678E+02
8.	0.2427E+00	0.1680E+03	0.1134E+01	0.7457E+02	0.7303E+00	0.6798E+02
9.	0.2020E+00	-0.3477E+02	0.1196E+01	0.1629E+03	0.9288E+00	0.1712E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5637E+01	0.0000E+00	0.6598E+01	0.0000E+00	0.1415E+00	0.0000E+00
1.	0.6400E+01	-0.6515E+02	0.7052E+01	-0.7111E+02	0.2563E+00	-0.1381E+02
2.	0.3814E+01	0.1404E+03	0.2550E+01	0.1406E+03	0.1421E+00	-0.1293E+03
3.	0.1831E+01	0.7412E+02	0.2857E+01	-0.7793E+02	0.1364E+00	-0.7572E+02
4.	0.6159E+00	-0.1341E+02	0.7263E+00	-0.2845E+02	0.1249E+00	0.4771E+01
5.	0.1275E+01	-0.9544E+02	0.5677E+00	-0.1608E+02	0.1039E+00	-0.4974E+02
6.	0.7798E+00	-0.4984E+02	0.3506E+00	-0.4641E+02	0.5246E-01	0.1145E+03
7.	0.2075E+01	-0.1114E+03	0.9966E+00	-0.1131E+03	0.2007E+00	0.4870E+02
8.	0.6039E+00	-0.2290E+02	0.5332E+00	-0.6105E+02	0.8095E-01	-0.1920E+02
9.	0.2271E+00	0.2873E+02	0.7462E+00	-0.8430E+01	0.3168E-01	-0.1598E+03

Table IV-50. Harmonic beamwise vibration data, 116 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9521E+00	0.0000E+00	0.2510E+01	0.0000E+00	0.1084E+02	0.0000E+00
1.	0.9827E-01	0.3682E+02	0.1870E+01	-0.6205E+02	0.2497E+01	-0.6218E+02
2.	0.6449E-01	0.7581E+02	0.3159E+01	0.1460E+03	0.3040E+01	0.1467E+03
3.	0.7124E-01	0.1383E+03	0.1408E+01	0.6514E+02	0.1235E+01	0.7337E+02
4.	0.5212E-01	-0.1039E+03	0.1163E+01	0.2449E+02	0.8117E+00	0.6503E+01
5.	0.5678E-01	-0.1722E+03	0.8560E-01	-0.1219E+03	0.5106E+00	-0.7490E+02
6.	0.6012E-01	-0.5681E+02	0.6552E+00	-0.3236E+02	0.5851E+00	-0.3491E+02
7.	0.5066E+00	0.4972E+02	0.3694E+01	0.5108E+02	0.1475E+01	0.4415E+02
8.	0.3305E+00	-0.1598E+03	0.1304E+01	0.1378E+03	0.6621E+00	0.1236E+03
9.	0.2460E+00	0.4317E+00	0.1357E+01	-0.1573E+03	0.1127E+01	-0.1592E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5338E+01	0.0000E+00	0.6293E+01	0.0000E+00	0.1793E+00	0.0000E+00
1.	0.4715E+01	-0.6508E+02	0.6131E+01	-0.7047E+02	0.3141E+00	0.5684E+01
2.	0.4021E+01	0.1497E+03	0.2840E+01	0.1514E+03	0.1386E+00	-0.2081E+02
3.	0.9749E+00	0.7480E+02	0.2207E+01	-0.6957E+02	0.5739E-01	0.9022E+01
4.	0.8925E+00	-0.3052E+02	0.9636E+00	-0.1310E+02	0.9944E-01	0.4037E+02
5.	0.1229E+01	-0.7108E+02	0.7551E+00	0.2317E+01	0.1628E+00	0.6521E+02
6.	0.8110E+00	-0.4085E+02	0.5277E+00	-0.6320E+02	0.6292E-01	-0.1585E+03
7.	0.2048E+01	-0.9210E+02	0.1262E+01	-0.1037E+03	0.1228E+00	0.4754E+02
8.	0.7231E+00	0.4587E+01	0.6520E+00	-0.3732E+02	0.1215E+00	0.1449E+03
9.	0.1972E+00	0.1067E+03	0.7301E+00	0.2903E+02	0.9292E-01	0.3008E+02

Table IV-51. Harmonic beamwise vibration data, 98 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8856E+00	0.0000E+00	0.2114E+01	0.0000E+00	0.1063E+02	0.0000E+00
1.	0.6808E-01	0.3602E+02	0.1293E+01	-0.5644E+02	0.1874E+01	-0.5626E+02
2.	0.7979E-01	0.1655E+03	0.2667E+01	0.1650E+03	0.2489E+01	0.1678E+03
3.	0.2111E+00	-0.1331E+03	0.2439E+01	0.5717E+02	0.1879E+01	0.6441E+02
4.	0.9739E-01	-0.9622E+02	0.1317E+01	0.2517E+02	0.1043E+01	0.1188E+02
5.	0.2363E+00	-0.7821E+02	0.9867E+00	-0.7604E+02	0.1591E+01	-0.6105E+02
6.	0.1560E+00	-0.1880E+02	0.1017E+01	-0.4680E+02	0.1053E+01	-0.5227E+02
7.	0.4835E+00	0.9741E+02	0.3022E+01	0.9268E+02	0.9716E+00	0.9252E+02
8.	0.2024E+00	-0.1271E+03	0.1753E+01	0.1592E+03	0.1066E+01	0.1578E+03
9.	0.1317E+00	0.9244E+02	0.1046E+01	-0.1032E+03	0.7666E+00	-0.1013E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.4772E+01	0.0000E+00	0.5752E+01	0.0000E+00	0.5224E-01	0.0000E+00
1.	0.3745E+01	-0.5954E+02	0.4951E+01	-0.6431E+02	0.2387E+00	0.1621E+02
2.	0.3306E+01	0.1711E+03	0.2656E+01	0.1758E+03	0.1035E+00	-0.1715E+03
3.	0.1640E+01	0.6053E+02	0.1633E+01	-0.5325E+02	0.1590E+00	-0.1339E+03
4.	0.1251E+01	-0.6543E+01	0.1352E+01	-0.1424E+02	0.7746E-01	-0.9544E+02
5.	0.2639E+01	-0.5121E+02	0.1124E+01	-0.2738E+02	0.8044E-01	-0.9481E+02
6.	0.1284E+01	-0.5881E+02	0.1054E+01	-0.6025E+02	0.1056E+00	-0.1844E+02
7.	0.1902E+01	-0.6246E+02	0.1312E+01	-0.7709E+02	0.1441E+00	0.1066E+03
8.	0.6001E+00	0.5001E+02	0.5829E+00	-0.4865E+01	0.5532E-01	0.1397E+03
9.	0.3704E+00	0.9826E+02	0.7939E+00	0.8322E+02	0.1114E-01	0.1336E+03



Table IV-52. Harmonic beamwise vibration data, 82 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9424E+00	0.0000E+00	0.2570E+01	0.0000E+00	0.1070E+02	0.0000E+00
1.	0.1738E-01	0.0979E+02	0.1089E+01	-0.6088E+02	0.1514E+01	-0.5936E+02
2.	0.5370E-01	-0.1130E+03	0.2305E+01	-0.1629E+03	0.2285E+01	-0.1608E+03
3.	0.2025E+00	0.1623E+03	0.2891E+01	0.1655E+02	0.2290E+01	0.1912E+02
4.	0.1051E-01	0.1379E+03	0.3301E+00	-0.1989E+02	0.3162E+00	0.2415E+02
5.	0.2741E+00	-0.1035E+03	0.1648E+01	-0.1204E+03	0.2050E+01	-0.1130E+03
6.	0.2887E-01	0.1597E+03	0.3871E+00	-0.9895E+02	0.3683E+00	-0.9367E+02
7.	0.4116E+00	0.1687E+03	0.2628E+01	0.1719E+03	0.7811E+00	0.1628E+03
8.	0.2896E+00	-0.4877E+02	0.1286E+01	-0.1290E+03	0.4321E+00	-0.1160E+03
9.	0.2377E+00	0.1660E+03	0.1023E+01	-0.1596E+01	0.9629E+00	-0.5538E+01

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5038E+01	0.0000E+00	0.5762E+01	0.0000E+00	0.2297E+00	0.0000E+00
1.	0.3041E+01	-0.6250E+02	0.3913E+01	-0.6684E+02	0.1546E+00	0.1244E+02
2.	0.3119E+01	-0.1595E+03	0.2354E+01	-0.1477E+03	0.1041E+00	-0.4426E+02
3.	0.2393E+01	0.1397E+02	0.2136E+01	-0.1159E+02	0.1794E+00	0.8285E+02
4.	0.6572E+00	0.2770E+02	0.1714E+01	0.6869E+01	0.9310E-01	0.1008E+02
5.	0.2635E+01	-0.1054E+03	0.8352E+00	-0.7099E+02	0.1725E-01	-0.4781E+02
6.	0.2310E+00	-0.4491E+02	0.5750E+00	-0.1278E+03	0.1508E+00	0.1699E+03
7.	0.2114E+01	0.1531E+02	0.7106E+00	-0.1168E+02	0.2220E+00	0.1662E+03
8.	0.1104E+01	0.3247E+02	0.9551E+00	0.3391E+02	0.1295E+00	-0.9697E+02
9.	0.5296E+00	-0.4357E+02	0.1776E+00	0.1658E+03	0.4608E-01	-0.1409E+03

Table IV-53. Harmonic beamwise vibration data, 102 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.4344E+01	0.0000E+00	0.1104E+02	0.0000E+00	0.5526E+01	0.0000E+00
1.	0.9554E+00	-0.7143E+02	0.1489E+01	-0.7146E+02	0.3174E+01	-0.7332E+02
2.	0.2434E+01	0.1731E+03	0.2349E+01	0.1713E+03	0.3037E+01	0.1747E+03
3.	0.3018E+01	0.3657E+02	0.2377E+01	0.3275E+02	0.2320E+01	0.2829E+02
4.	0.7213E+00	0.2607E+02	0.7127E+00	0.4895E+01	0.1137E+01	-0.1536E+02
5.	0.1247E+01	-0.1214E+03	0.1870E+01	-0.1346E+03	0.2742E+01	-0.1325E+03
6.	0.1103E+01	-0.6963E+02	0.1196E+01	-0.9045E+02	0.1319E+01	-0.9769E+02
7.	0.2259E+01	0.3024E+02	0.1085E+01	0.1447E+02	0.9061E+00	-0.1361E+03
8.	0.8884E+00	0.1415E+03	0.6359E+00	0.1097E+03	0.5818E+00	0.2549E+02
9.	0.4264E+00	-0.1359E+03	0.5238E+00	-0.1792E+03	0.1647E+00	0.1418E+03

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.7340E+01	0.0000E+00	0.1117E+01	0.0000E+00
1.	0.4243E+01	-0.7795E+02	0.3072E+00	0.1593E+02
2.	0.2380E+01	-0.1799E+03	0.1849E+00	0.1482E+03
3.	0.1738E+01	-0.4311E+02	0.6040E-01	-0.1632E+03
4.	0.1360E+01	-0.3554E+02	0.1885E+00	-0.1654E+03
5.	0.9346E+00	-0.9944E+02	0.1663E+00	-0.9674E+02
6.	0.8681E+00	-0.1014E+03	0.1744E+00	-0.6683E+02
7.	0.1143E+01	-0.1566E+03	0.9756E-01	0.1045E+02
8.	0.4196E+00	-0.2910E+02	0.9621E-01	0.7247E+02
9.	0.3918E+00	0.6441E+01	0.1124E+00	0.7885E+02

Table IV-54. Harmonic beamwise vibration data, 103 KTAS, 200 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.4602E+01	0.0000E+00	0.9985E+01	0.0000E+00	0.4232E+01	0.0000E+00
1.	0.1076E+01	-0.5347E+02	0.1595E+01	-0.5759E+02	0.3297E+01	-0.5983E+02
2.	0.3012E+01	0.1769E+03	0.2914E+01	0.1768E+03	0.3908E+01	0.1776E+03
3.	0.2459E+01	0.3012E+02	0.1861E+01	0.2942E+02	0.1706E+01	0.2292E+02
4.	0.1330E+01	0.3811E+02	0.7692E+00	0.1347E+02	0.9896E+00	-0.3085E+02
5.	0.1155E+01	-0.5095E+02	0.1912E+01	-0.5515E+02	0.3201E+01	-0.5191E+02
6.	0.1259E+01	-0.4926E+02	0.1386E+01	-0.4979E+02	0.1889E+01	-0.4066E+02
7.	0.2198E+01	0.8281E+02	0.6266E+00	0.7039E+02	0.1620E+01	-0.8191E+02
8.	0.2345E+01	-0.1600E+03	0.1255E+01	-0.1688E+03	0.8996E+00	0.4685E+02
9.	0.1487E+01	-0.1071E+03	0.1051E+01	-0.1227E+03	0.5989E+00	0.7958E+02

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5683E+01	0.0000E+00	0.1357E+01	0.0000E+00
1.	0.4352E+01	-0.6569E+02	0.1674E+00	0.1476E+02
2.	0.3391E+01	-0.1738E+03	0.3078E+00	-0.1091E+03
3.	0.1448E+01	-0.4270E+02	0.3520E-01	-0.2803E+02
4.	0.1387E+01	-0.2175E+02	0.1224E+00	0.1174E+03
5.	0.1603E+01	-0.3789E+02	0.1389E+00	-0.1104E+03
6.	0.1290E+01	-0.5728E+02	0.1565E+00	-0.1533E+02
7.	0.1393E+01	-0.1132E+03	0.2598E+00	0.1601E+03
8.	0.6804E+00	0.9519E+01	0.1213E+00	-0.1455E+03
9.	0.1023E+01	0.5288E+02	0.6225E-01	-0.1569E+03

Table IV-55. Harmonic beamwise vibration data, 98 KTAS, 400 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.4915E+01	0.0000E+00	0.9996E+01	0.0000E+00	0.4528E+01	0.0000E+00
1.	0.1029E+01	-0.5545E+02	0.1537E+01	-0.5903E+02	0.3139E+01	-0.6342E+02
2.	0.2819E+01	0.1729E+03	0.2742E+01	0.1730E+03	0.3731E+01	0.1756E+03
3.	0.2815E+01	0.1738E+02	0.2115E+01	0.1530E+02	0.1996E+01	0.9439E+01
4.	0.1160E+01	0.2006E+02	0.6764E+00	0.3143E+01	0.9294E+00	-0.3829E+02
5.	0.1271E+01	-0.8663E+02	0.2085E+01	-0.8986E+02	0.3432E+01	-0.8527E+02
6.	0.1114E+01	-0.8160E+02	0.1355E+01	-0.8767E+02	0.1672E+01	-0.8336E+02
7.	0.2376E+01	0.5023E+02	0.8705E+00	0.4057E+02	0.1299E+01	-0.1127E+03
8.	0.1539E+01	0.1790E+03	0.6392E+00	0.1630E+03	0.9643E+00	0.2153E+02
9.	0.1083E+01	-0.1418E+03	0.7488E+00	-0.1565E+03	0.5675E+00	0.2038E+02

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.6047E+01	0.0000E+00	0.1589E+01	0.0000E+00
1.	0.4023E+01	-0.6881E+02	0.1523E+00	0.2740E+02
2.	0.3352E+01	-0.1784E+03	0.1718E+00	-0.1367E+03
3.	0.1770E+01	-0.5800E+02	0.2411E+00	-0.9255E+02
4.	0.1438E+01	-0.3643E+02	0.2614E+00	0.1362E+03
5.	0.1641E+01	-0.7072E+02	0.1261E+00	-0.9834E+02
6.	0.1150E+01	-0.1032E+03	0.1302E+00	-0.7171E+02
7.	0.1208E+01	-0.1465E+03	0.1860E+00	0.6949E+02
8.	0.3600E+00	-0.1384E+02	0.1664E+00	-0.1219E+03
9.	0.9819E+00	0.2046E+02	0.1272E+00	0.1002E+03

Table IV-56. Harmonic beamwise vibration data, 98 KTAS, 600 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5298E+01	0.0000E+00	0.9529E+01	0.0000E+00	0.4344E+01	0.0000E+00
1.	0.1470E+01	-0.5855E+02	0.1956E+01	-0.6061E+02	0.3641E+01	-0.6312E+02
2.	0.2676E+01	0.1718E+03	0.2670E+01	0.1712E+03	0.3717E+01	0.1740E+03
3.	0.2668E+01	0.3152E+02	0.1984E+01	0.2853E+02	0.1871E+01	0.1845E+02
4.	0.1183E+01	0.2338E+02	0.6878E+00	0.4689E+01	0.9252E+00	-0.2982E+02
5.	0.1053E+01	-0.7875E+02	0.1828E+01	-0.8237E+02	0.3028E+01	-0.7755E+02
6.	0.1111E+01	-0.7170E+02	0.1307E+01	-0.7734E+02	0.1691E+01	-0.7360E+02
7.	0.1824E+01	0.5392E+02	0.6176E+00	0.3723E+02	0.1084E+01	-0.1104E+03
8.	0.1382E+01	0.1741E+03	0.6625E+00	0.1479E+03	0.1022E+01	0.2876E+02
9.	0.1232E+01	-0.1368E+03	0.9398E+00	-0.1547E+03	0.6630E+00	0.4534E+02

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5954E+01	0.0000E+00	0.1836E+01	0.0000E+00
1.	0.4716E+01	-0.6851E+02	0.2774E+00	-0.1903E+02
2.	0.3048E+01	-0.1797E+03	0.1840E+00	-0.4319E+02
3.	0.1778E+01	-0.5310E+02	0.1003E+00	-0.1500E+03
4.	0.1454E+01	-0.2674E+02	0.3264E+00	0.1492E+03
5.	0.1376E+01	-0.5237E+02	0.3451E-01	-0.1115E+02
6.	0.1081E+01	-0.8535E+02	0.1885E-01	0.9828E+02
7.	0.1216E+01	-0.1406E+03	0.6375E-01	0.1498E+03
8.	0.5215E+00	0.1250E+01	0.7105E-01	-0.1176E+02
9.	0.1083E+01	0.3490E+02	0.1765E+00	0.1014E+03

Table IV-57. Harmonic beamwise vibration data, 99 KTAS, 800 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5306E+01	0.0000E+00	0.8621E+01	0.0000E+00	0.3708E+01	0.0000E+00
1.	0.1217E+01	-0.5435E+02	0.1720E+01	-0.5794E+02	0.3337E+01	-0.5922E+02
2.	0.2868E+01	0.1745E+03	0.2822E+01	0.1761E+03	0.3737E+01	0.1757E+03
3.	0.2485E+01	0.2755E+02	0.1820E+01	0.2859E+02	0.1638E+01	0.2232E+02
4.	0.1175E+01	0.2683E+02	0.6228E+00	0.8482E+01	0.7962E+00	-0.3782E+02
5.	0.1238E+01	-0.6298E+02	0.1984E+01	-0.6715E+02	0.3211E+01	-0.6365E+02
6.	0.1196E+01	-0.6983E+02	0.1333E+01	-0.6535E+02	0.1608E+01	-0.5332E+02
7.	0.1491E+01	0.6152E+02	0.4697E+00	0.3931E+02	0.1157E+01	-0.8720E+02
8.	0.1664E+01	0.1790E+03	0.8403E+00	0.1702E+03	0.9053E+00	0.2792E+02
9.	0.8377E+00	-0.1185E+03	0.5922E+00	-0.1345E+03	0.5590E+00	0.4552E+02

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5101E+01	0.0000E+00	0.1717E+01	0.0000E+00
1.	0.4331E+01	-0.6592E+02	0.1146E+00	-0.2414E+02
2.	0.3278E+01	-0.1770E+03	0.3288E+00	-0.1258E+03
3.	0.1252E+01	-0.5466E+02	0.4650E-01	0.1577E+03
4.	0.1288E+01	-0.3061E+02	0.1779E+00	0.1761E+03
5.	0.1667E+01	-0.4701E+02	0.2135E+00	-0.7708E+02
6.	0.1117E+01	-0.7433E+02	0.1240E+00	-0.7533E+02
7.	0.1058E+01	-0.1238E+03	0.1476E+00	0.9982E+02
8.	0.4917E+00	-0.7722E+01	0.7709E-01	-0.1698E+03
9.	0.7512E+00	0.3100E+02	0.8762E-01	0.1528E+03

Table IV-58. Harmonic edgewise vibration data, 59 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.69	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1132E+01	0.0000E+00	0.5413E+00	0.0000E+00	-0.1655E+01	0.0000E+00
1.	0.2822E+00	0.1072E+03	0.2010E+01	0.9008E+02	0.2786E+01	0.9872E+02
2.	0.1339E-01	-0.9924E+02	0.7017E+00	-0.1395E+03	0.6286E+00	-0.1197E+03
3.	0.1463E+00	0.7959E+02	0.7854E+00	0.1019E+03	0.1158E+01	0.1013E+03
4.	0.4748E-01	0.2105E+02	0.1130E+01	0.1827E+02	0.9950E+00	0.2186E+02
5.	0.1781E-01	-0.1240E+03	0.3071E+00	-0.6180E+02	0.2587E+00	-0.4929E+02
6.	0.2084E-01	-0.2869E+02	0.8989E-01	-0.1693E+03	0.8522E-01	0.1607E+03
7.	0.2554E-01	0.7974E+02	0.1442E+00	0.2283E+02	0.1050E+00	0.4865E+02
8.	0.3420E-01	-0.1340E+03	0.6789E+00	-0.5045E+02	0.5230E+00	-0.4688E+02
9.	0.1801E-01	-0.1016E+03	0.1306E+00	0.8649E+02	0.1364E+00	0.9155E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.8128E+01	0.0000E+00	-0.1503E+02	0.0000E+00
1.	0.3610E+01	0.1059E+03	0.4758E+01	0.1143E+03
2.	0.4034E+00	-0.1091E+03	0.5133E+00	0.5743E+02
3.	0.1764E+01	0.9893E+02	0.2384E+01	0.8995E+02
4.	0.6418E+00	0.2802E+02	0.6932E+00	-0.1690E+03
5.	0.1978E+00	-0.4025E+02	0.2395E+00	0.9501E+02
6.	0.7145E-01	0.1188E+03	0.4866E-01	-0.4442E+02
7.	0.1489E+00	0.1779E+02	0.4561E-01	0.1198E+03
8.	0.1981E+00	-0.3189E+02	0.5092E+00	0.1334E+03
9.	0.1393E+00	0.1125E+03	0.1043E+00	-0.1117E+03

Table IV-59. Harmonic edgewise vibration data, 146 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1687E+00	0.0000E+00	0.6315E+00	0.0000E+00	-0.1543E+01	0.0000E+00
1.	0.2184E+00	0.1126E+03	0.1807E+01	0.8837E+02	0.2369E+01	0.9802E+02
2.	0.3784E-01	-0.3749E+02	0.3762E+00	-0.1593E+03	0.2648E+00	-0.1253E+03
3.	0.1282E+00	0.9148E+02	0.5628E+00	0.1032E+03	0.7937E+00	0.1009E+03
4.	0.6928E-01	-0.1522E+02	0.8232E+00	0.1248E+02	0.6842E+00	0.1789E+02
5.	0.2704E-01	0.1011E+03	0.1534E+00	-0.1208E+03	0.1139E+00	-0.1186E+03
6.	0.5249E-01	-0.7718E+02	0.3016E+00	0.1321E+03	0.2657E+00	0.1256E+03
7.	0.7265E-01	0.6523E+02	0.3891E+00	0.9337E+02	0.3153E+00	0.1031E+03
8.	0.6475E-01	-0.1367E+03	0.1597E+00	-0.1449E+03	0.1742E+00	-0.1502E+03
9.	0.4674E-01	0.2006E+02	0.4828E+00	0.9487E+02	0.4391E+00	0.1013E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.7987E+01	0.0000E+00	-0.1473E+02	0.0000E+00
1.	0.2941E+01	0.1052E+03	0.3646E+01	0.1139E+03
2.	0.1031E+00	-0.6838E+02	0.5461E+00	0.3989E+02
3.	0.1184E+01	0.9647E+02	0.1465E+01	0.8402E+02
4.	0.4295E+00	0.2759E+02	0.4745E+00	-0.1754E+03
5.	0.5413E-01	-0.8929E+02	0.1983E+00	0.5948E+02
6.	0.1901E+00	0.1189E+03	0.2822E+00	-0.5776E+02
7.	0.2440E+00	0.7649E+02	0.1034E+00	-0.4326E+02
8.	0.1166E+00	0.1661E+03	0.4700E-01	0.5575E+02
9.	0.3369E+00	0.1128E+03	0.2944E+00	-0.7828E+02



Table IV-60. Harmonic edgewise vibration data, 129 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2323E+00	0.0000E+00	0.8148E+00	0.0000E+00	-0.1211E+01	0.0000E+00
1.	0.1489E+00	0.1201E+03	0.1594E+01	0.9239E+02	0.2005E+01	0.9922E+02
2.	0.4362E-01	0.1573E+03	0.1558E+00	-0.1630E+03	0.1038E+00	-0.5263E+02
3.	0.1102E+00	0.6762E+02	0.4345E+00	0.1097E+03	0.5663E+00	0.1059E+03
4.	0.5167E-01	0.9083E+01	0.5099E+00	0.1767E+02	0.4025E+00	0.2346E+02
5.	0.5136E-01	-0.1141E+03	0.9333E-01	-0.1057E+03	0.8293E-01	-0.1143E+03
6.	0.3321E-01	0.1504E+03	0.4526E+00	0.1398E+03	0.4348E+00	0.1375E+03
7.	0.6612E-01	0.6441E+02	0.4572E+00	0.5847E+02	0.3450E+00	0.7000E+02
8.	0.4762E-01	-0.5745E+02	0.2216E+00	0.1243E+03	0.2193E+00	0.1293E+03
9.	0.2435E-01	-0.9535E+02	0.2799E+00	0.1443E+03	0.2529E+00	0.1489E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.7608E+01	0.0000E+00	-0.1411E+02	0.0000E+00
1.	0.2403E+01	0.1060E+03	0.2768E+01	0.1146E+03
2.	0.2131E+00	-0.9022E+00	0.5241E+00	0.3683E+02
3.	0.8016E+00	0.9792E+02	0.9774E+00	0.7667E+02
4.	0.2426E+00	0.3231E+02	0.3162E+00	-0.1711E+03
5.	0.5188E-01	-0.1308E+03	0.4608E-01	0.5758E+02
6.	0.2612E+00	0.1396E+03	0.2952E+00	-0.4756E+02
7.	0.2874E+00	0.6813E+02	0.1191E+00	-0.1635E+03
8.	0.1955E+00	0.1414E+03	0.1435E+00	-0.6498E+02
9.	0.2193E+00	0.1500E+03	0.1920E+00	-0.3444E+02

Table IV-61. Harmonic edgewise vibration data, 116 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.5103E+00	0.0000E+00	0.1029E+01	0.0000E+00	-0.9479E+00	0.0000E+00
1.	0.1429E+00	0.9080E+02	0.1446E+01	0.9109E+02	0.1753E+01	0.9789E+02
2.	0.6683E-01	0.3520E+02	0.8630E-02	-0.6266E+02	0.2178E+00	-0.9101E+01
3.	0.1427E+00	0.8183E+02	0.2850E+00	0.1155E+03	0.3810E+00	0.1120E+03
4.	0.2003E-01	0.8921E+02	0.2871E+00	0.3289E+02	0.2106E+00	0.4247E+02
5.	0.6721E-01	0.9786E+02	0.1037E+00	-0.1554E+03	0.1354E+00	-0.1637E+03
6.	0.6603E-01	-0.1645E+03	0.4568E+00	0.1452E+03	0.4599E+00	0.1439E+03
7.	0.3326E-01	0.2449E+02	0.4411E+00	0.8512E+02	0.3655E+00	0.9108E+02
8.	0.6004E-01	-0.1564E+03	0.3045E+00	0.7075E+02	0.2634E+00	0.7834E+02
9.	0.7402E-01	-0.2258E+02	0.2703E+00	0.1703E+03	0.2614E+00	0.1750E+03

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.7373E+01	0.0000E+00	-0.1378E+02	0.0000E+00
1.	0.2046E+01	0.1048E+03	0.2269E+01	0.1111E+03
2.	0.3164E+00	0.4147E+01	0.5824E+00	0.2614E+02
3.	0.5348E+00	0.1044E+03	0.7130E+00	0.8009E+02
4.	0.9226E-01	0.6089E+02	0.2692E+00	-0.1577E+03
5.	0.1071E+00	-0.1635E+03	0.1237E+00	0.8710E+02
6.	0.2897E+00	0.1438E+03	0.2684E+00	-0.4309E+02
7.	0.3126E+00	0.8846E+02	0.6459E-01	-0.1385E+03
8.	0.1633E+00	0.1172E+03	0.1801E+00	-0.1355E+03
9.	0.1884E+00	-0.1797E+03	0.2867E+00	0.1002E+01

Table IV-62. Harmonic edgewise vibration data, 98 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.8440E+00	0.0000E+00	0.1314E+01	0.0000E+00	-0.5953E+00	0.0000E+00
1.	0.1254E+00	0.1093E+03	0.1235E+01	0.9278E+02	0.1428E+01	0.1015E+03
2.	0.4289E-01	0.1138E+03	0.7250E-01	-0.1902E+02	0.2440E+00	0.1292E+01
3.	0.5095E-01	0.8157E+02	0.1804E+00	0.1555E+03	0.2871E+00	0.1439E-03
4.	0.1256E-01	0.1220E+03	0.1412E+00	0.5809E+02	0.1172E+00	0.1189E+03
5.	0.1328E-01	-0.6634E+02	0.1323E+00	-0.9506E+02	0.8860E-01	-0.1521E+03
6.	0.3297E-01	-0.1597E+02	0.5480E+00	0.1504E+03	0.4727E+00	0.1493E+03
7.	0.3649E-01	0.6362E+02	0.5544E+00	0.1073E+03	0.4486E+00	0.1083E+03
8.	0.3585E-01	0.1241E+03	0.1465E+00	0.1335E+03	0.1338E+00	0.1285E+03
9.	0.4392E-01	0.1405E+03	0.3484E-01	-0.7291E+01	0.2372E-01	-0.1302E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.7115E+01	0.0000E+00	-0.1355E+02	0.0000E+00
1.	0.1591E+01	0.1098E+03	0.1678E+01	0.1188E+03
2.	0.3171E+00	0.1223E+02	0.3918E+00	0.3648E+02
3.	0.3657E+00	0.1179E+03	0.5807E+00	0.8793E+02
4.	0.1664E+00	0.1663E+03	0.4472E+00	-0.1573E+03
5.	0.1756E+00	0.1642E+03	0.2993E+00	0.1442E+03
6.	0.2827E+00	0.1471E+03	0.3671E+00	-0.7431E+01
7.	0.3716E+00	0.1090E+03	0.1322E+00	-0.5388E+02
8.	0.8664E-01	0.1636E+03	0.7283E-01	-0.3018E+02
9.	0.6544E-01	-0.8062E+02	0.4341E-01	-0.1763E+03

Table IV-63. Harmonic edgewise vibration data, 82 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.01		FRACTN RADIUS 0.50		FRACTN RADIUS 0.59	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.9008E+00	0.0000E+00	0.1388E+01	0.0000E+00	-0.4364E+00	0.0000E+00
1.	0.1007E+00	0.1427E+03	0.1056E+01	0.9591E+02	0.1196E+01	0.1040E+03
2.	0.2422E-01	0.5756E+02	0.2032E-01	-0.7987E+02	0.1586E+00	0.2499E+02
3.	0.1279E+00	0.7928E+02	0.1888E+00	0.1549E+03	0.2846E+00	0.1570E+03
4.	0.7023E-01	-0.2424E+02	0.8305E-01	0.1584E+03	0.1596E+00	0.1538E+03
5.	0.1932E-01	0.1259E+03	0.5221E-01	-0.7622E+02	0.8788E-01	0.6208E+02
6.	0.5094E-01	0.1760E+03	0.2785E+00	0.1047E+03	0.2296E+00	0.1046E+03
7.	0.9106E-01	0.9975E+02	0.3692E+00	-0.1759E+03	0.2958E+00	-0.1720E+03
8.	0.4701E-01	-0.8862E+02	0.1122E+00	-0.1161E+03	0.1181E+00	-0.1159E+03
9.	0.4374E-01	-0.1393E+03	0.2027E+00	-0.7919E+02	0.2099E+00	-0.8990E+02

HARMONIC	FRACTN RADIUS 0.70		FRACTN RADIUS 0.90	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.7048E+01	0.0000E+00	-0.1342E+02	0.0000E+00
1.	0.1319E+01	0.1139E+03	0.1402E+01	0.1283E+03
2.	0.2303E+00	0.4051E+02	0.3198E+00	0.5602E+02
3.	0.2727E+00	0.1392E+03	0.3953E+00	0.8192E+02
4.	0.2455E+00	0.1602E+03	0.2893E+00	0.1567E+03
5.	0.1799E+00	0.9093E+02	0.3682E+00	0.1095E+03
6.	0.1202E+00	0.1134E+03	0.6342E-01	-0.3624E+02
7.	0.2458E+00	-0.1729E+03	0.9873E-01	0.1807E+02
8.	0.1483E+00	-0.1211E+03	0.1181E+00	-0.1115E+03
9.	0.1214E+00	-0.7776E+02	0.1762E+00	0.1572E+03

Table IV-64. Harmonic edgewise vibration data, 102 KTAS, level flight

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.1941E+01	0.0000E+00	-0.2144E+00	0.0000E+00	-0.7594E+01	0.0000E+00
1.	0.9900E+00	0.8659E+02	0.1283E+01	0.9416E+02	0.1561E+01	0.1025E+03
2.	0.8412E-01	0.1586E+03	0.1137E+00	0.3432E+02	0.2535E+00	0.2880E+02
3.	0.2093E+00	0.1317E+03	0.2830E+00	0.1390E+03	0.3034E+00	0.1212E+03
4.	0.9547E-01	0.1389E+03	0.1690E+00	0.1521E+03	0.2377E+00	0.1487E+03
5.	0.2090E+00	-0.1179E+03	0.9009E-01	-0.1091E+03	0.7986E-01	0.7202E+02
6.	0.4577E+00	0.1099E+03	0.4123E+00	0.1105E+03	0.2538E+00	0.1080E+03
7.	0.3430E+00	-0.1131E+02	0.2934E+00	-0.1819E+01	0.2525E+00	0.1319E+02
8.	0.4075E+00	0.6692E+02	0.3410E+00	0.6944E+02	0.1760E+00	0.8903E+02
9.	0.9453E-01	-0.1053E+03	0.8005E-01	-0.9705E+02	0.6131E-01	-0.1009E+03

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1347E+02	0.0000E+00	-0.1165E+02	0.0000E+00
1.	0.1905E+01	0.1084E+03	0.2162E+01	0.1088E+03
2.	0.4607E+00	0.4500E+02	0.5945E+00	0.4218E+02
3.	0.3385E+00	0.7259E+02	0.3202E+00	0.5920E+02
4.	0.4355E+00	0.1655E+03	0.6158E+00	0.1701E+03
5.	0.2673E+00	0.6629E+02	0.4502E+00	0.5228E+02
6.	0.4025E+00	-0.5762E+02	0.7986E+00	-0.6349E+02
7.	0.1535E+00	0.8969E+02	0.2690E+00	0.1049E+03
8.	0.2675E+00	-0.1170E+03	0.4907E+00	-0.1149E+03
9.	0.1015E+00	0.8122E+02	0.2171E+00	0.8630E+02

Table IV-65. Harmonic edgewise vibration data, 103 KTAS, 200 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2637E+01	0.0000E+00	0.6528E+00	0.0000E+00	-0.7023E+01	0.0000E+00
1.	0.8822E+00	0.9826E+02	0.1123E+01	0.1082E+03	0.1354E+01	0.1165E+03
2.	0.7220E-01	-0.3409E+02	0.2520E+00	-0.2057E+01	0.3822E+00	0.1685E+02
3.	0.9472E-01	0.9999E+02	0.1574E+00	0.1289E+03	0.2025E+00	0.1098E+03
4.	0.2098E+00	0.7610E+02	0.1647E+00	0.1168E+03	0.1951E+00	0.1583E+03
5.	0.8644E-01	-0.1524E+03	0.1704E+00	0.1661E+03	0.2855E+00	0.1544E+03
6.	0.6071E+00	0.1277E+03	0.5835E+00	0.1299E+03	0.3679E+00	0.1341E+03
7.	0.4437E+00	0.1071E+03	0.3962E+00	0.1113E+03	0.3245E+00	0.1008E+03
8.	0.1606E+00	0.1314E+03	0.1176E+00	0.1224E+03	0.1004E+00	0.1756E+03
9.	0.2628E+00	-0.1493E+03	0.2221E+00	-0.1442E+03	0.2030E+00	-0.1281E+03

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1304E+02	0.0000E+00	-0.1098E+02	0.0000E+00
1.	0.1603E+01	0.1258E+03	0.1791E+01	0.1265E+03
2.	0.4432E+00	0.2246E+02	0.4062E+00	0.1123E+02
3.	0.2807E+00	0.6476E+02	0.3030E+00	0.5784E+02
4.	0.4777E+00	-0.1724E+03	0.6437E+00	-0.1695E+03
5.	0.3417E+00	0.1467E+03	0.4809E+00	0.1369E+03
6.	0.3149E+00	-0.3029E+02	0.6973E+00	-0.4102E+02
7.	0.4788E-02	-0.1093E+03	0.7828E-01	-0.1634E+03
8.	0.2161E+00	-0.4654E+02	0.3048E+00	-0.6226E+02
9.	0.1185E+00	-0.2070E+02	0.2511E+00	-0.3593E+00

Table IV-66. Harmonic edgewise vibration data, 98 KTAS, 400 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2602E+01	0.0000E+00	0.5687E+00	0.0000E+00	-0.7066E+01	0.0000E+00
1.	0.8225E+00	0.9391E+02	0.1049E+01	0.1043E+03	0.1263E+01	0.1126E+03
2.	0.7866E-01	0.1516E+02	0.2618E+00	0.9110E+01	0.3621E+00	0.1680E+02
3.	0.5375E-01	0.1457E+03	0.1263E+00	0.1489E+03	0.1828E+00	0.1099E+03
4.	0.2287E+00	0.9383E+02	0.2747E+00	0.1206E+03	0.3004E+00	0.1417E+03
5.	0.6394E-01	-0.1278E+03	0.1010E+00	0.1276E+03	0.2616E+00	0.1174E+03
6.	0.5974E+00	0.9411E+02	0.5486E+00	0.9620E+02	0.3311E+00	0.9821E+02
7.	0.5960E+00	0.6786E+02	0.5150E+00	0.6975E+02	0.3761E+00	0.6393E+02
8.	0.2526E+00	0.1576E+03	0.2038E+00	0.1653E+03	0.1641E+00	-0.1796E+03
9.	0.1209E+00	0.1350E+03	0.1086E+00	0.1434E+03	0.1205E+00	0.1780E+03

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1303E+02	0.0000E+00	-0.1086E+02	0.0000E+00
1.	0.1504E+01	0.1225E+03	0.1680E+01	0.1245E+03
2.	0.4049E+00	0.2798E+02	0.4316E+00	0.2609E+02
3.	0.2209E+00	0.5016E+02	0.1934E+00	0.1078E+02
4.	0.5241E+00	0.1622E+03	0.7328E+00	0.1624E+03
5.	0.3364E+00	0.1150E+03	0.5225E+00	0.1082E+03
6.	0.3127E+00	-0.6906E+02	0.7007E+00	-0.7218E+02
7.	0.1283E+00	-0.7578E+02	0.2259E+00	-0.8661E+02
8.	0.2418E+00	-0.6273E+02	0.4135E+00	-0.6965E+02
9.	0.2517E-01	-0.1653E+03	0.4372E-01	0.1385E+03

Table IV-67. Harmonic edgewise vibration data, 98 KTAS, 600 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2822E+01	0.0000E+00	0.8049E+00	0.0000E+00	-0.6965E+01	0.0000E+00
1.	0.8197E+00	0.9174E+02	0.1060E+01	0.1038E+03	0.1317E+01	0.1133E+03
2.	0.1887E+00	-0.4498E+01	0.3767E+00	0.1650E+01	0.4237E+00	0.1162E+02
3.	0.1464E+00	0.1306E+03	0.2192E+00	0.1386E+03	0.2633E+00	0.1177E+03
4.	0.2175E+00	0.1006E+03	0.2808E+00	0.1346E+03	0.3120E+00	0.1532E+03
5.	0.1123E-01	-0.1593E+03	0.1279E+00	0.1187E+03	0.2557E+00	0.1245E+03
6.	0.6420E+00	0.1076E+03	0.6039E+00	0.1097E+03	0.3529E+00	0.1102E+03
7.	0.4225E+00	0.7822E+02	0.3843E+00	0.8007E+02	0.2854E+00	0.6931E+02
8.	0.1835E+00	0.1557E+03	0.1151E+00	0.1484E+03	0.9957E-01	-0.1778E+03
9.	0.1957E+00	0.1157E+03	0.1718E+00	0.1141E+03	0.1079E+00	0.1702E+03

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1305E+02	0.0000E+00	-0.1073E+02	0.0000E+00
1.	0.1519E+01	0.1241E+03	0.1675E+01	0.1270E+03
2.	0.5141E+00	0.2342E+02	0.6114E+00	0.2098E+02
3.	0.2751E+00	0.7783E+02	0.1825E+00	0.6409E+02
4.	0.6458E+00	0.1703E+03	0.9433E+00	0.1735E+03
5.	0.3835E+00	0.1199E+03	0.5582E+00	0.1091E+03
6.	0.3020E+00	-0.5822E+02	0.6681E+00	-0.6136E+02
7.	0.1683E+00	-0.5338E+02	0.3153E+00	-0.7006E+02
8.	0.2513E+00	-0.2984E+02	0.3752E+00	-0.3731E+02
9.	0.1093E+00	-0.1335E+03	0.1760E+00	-0.1475E+03



Table IV-68. Harmonic edgewise vibration data, 99 KTAS, 800 FPM R/S

HARMONIC	FRACTN RADIUS 0.50		FRACTN RADIUS 0.59		FRACTN RADIUS 0.70	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	0.2934E+01	0.0000E+00	0.9657E+00	0.0000E+00	-0.6812E+01	0.0000E+00
1.	0.7319E+00	0.9927E+02	0.9520E+00	0.1110E+03	0.1180E+01	0.1180E+03
2.	0.9210E-01	-0.6197E+02	0.2364E+00	-0.1662E+02	0.3483E+00	0.4407E+01
3.	0.1104E+00	0.1168E+03	0.1728E+00	0.1311E+03	0.1970E+00	0.1061E+03
4.	0.1549E+00	0.8823E+02	0.1826E+00	0.1370E+03	0.2257E+00	0.1612E+03
5.	0.2399E-01	-0.1622E+03	0.1281E+00	0.1463E+03	0.2373E+00	0.1400E+03
6.	0.5084E+00	0.1266E+03	0.4839E+00	0.1291E+03	0.2970E+00	0.1283E+03
7.	0.5565E+00	0.9329E+02	0.4633E+00	0.9767E+02	0.3197E+00	0.9039E+02
8.	0.1368E+00	0.1269E+03	0.9036E-01	0.1143E+03	0.7872E-01	0.1675E+03
9.	0.8825E-01	-0.1418E+03	0.6875E-01	-0.1454E+03	0.1005E+00	-0.1279E+03

HARMONIC	FRACTN RADIUS 0.90		FRACTN RADIUS 1.00	
	AMPLITUDE	PHASE	AMPLITUDE	PHASE
0.	-0.1304E+02	0.0000E+00	-0.1067E+02	0.0000E+00
1.	0.1373E+01	0.1280E+03	0.1543E+01	0.1328E+03
2.	0.3671E+00	0.1526E+02	0.3584E+00	0.1327E+01
3.	0.2833E+00	0.6336E+02	0.2595E+00	0.6031E+02
4.	0.4830E+00	-0.1785E+03	0.7488E+00	-0.1762E+03
5.	0.2432E+00	0.1441E+03	0.2957E+00	0.1332E+03
6.	0.2680E+00	-0.4537E+02	0.5932E+00	-0.5496E+02
7.	0.1747E+00	-0.7617E+02	0.3456E+00	-0.9314E+02
8.	0.1759E+00	-0.6318E+02	0.2636E+00	-0.8181E+02
9.	0.1862E-01	-0.5243E+02	0.5439E-01	0.1143E+03

Table IV-69. Pitch link load harmonic data, speed sweep

## LEVEL FLIGHT, 159 KNOTS

HARMONIC	FRACTN RADIUS 0.00	
	AMPLITUDE	PHASE
0.	0.7505E+03	0.0000E+00
1.	0.8390E+03	0.1767E+03
2.	0.1023E+04	0.8763E+01
3.	0.8363E+02	0.1722E+02
4.	0.1548E+03	-0.8984E+01
5.	0.3163E+02	0.1438E+02
6.	0.2667E+02	-0.1129E+03
7.	0.1105E+03	-0.9915E+01
8.	0.4603E+02	0.1631E+02
9.	0.1286E+02	0.8687E+02

## LEVEL FLIGHT, 146 KNOTS

HARMONIC	FRACTN RADIUS 0.00	
	AMPLITUDE	PHASE
0.	0.6247E+03	0.0000E+00
1.	0.6935E+03	-0.1746E+03
2.	0.8428E+03	0.2319E+01
3.	0.5617E+01	0.3687E+02
4.	0.1205E+03	-0.8011E+01
5.	0.1578E+02	-0.3419E+02
6.	0.2496E+02	-0.6173E+02
7.	0.1286E+03	0.2888E+01
8.	0.2253E+02	0.7639E+02
9.	0.9127E+01	0.6903E+02

## LEVEL FLIGHT, 129 KNOTS

HARMONIC	FRACTN RADIUS 0.00	
	AMPLITUDE	PHASE
0.	0.5130E+03	0.0000E+00
1.	0.5890E+03	-0.1671E+03
2.	0.6894E+03	0.3808E+01
3.	0.4477E+02	-0.1737E+03
4.	0.7800E+02	0.1515E+01
5.	0.2989E+02	-0.8859E+02
6.	0.3574E+02	-0.4298E+02
7.	0.1169E+03	0.1362E+02
8.	0.1022E+02	0.1067E+03
9.	0.6769E+01	0.1578E+03

## LEVEL FLIGHT, 116 KNOTS

HARMONIC	FRACTN RADIUS 0.00	
	AMPLITUDE	PHASE
0.	0.4294E+03	0.0000E+00
1.	0.5497E+03	-0.1595E+03
2.	0.5778E+03	0.2693E+01
3.	0.6398E+02	-0.1604E+03
4.	0.6741E+02	0.4213E+01
5.	0.3598E+02	-0.1058E+03
6.	0.4925E+02	-0.1241E+02
7.	0.1089E+03	0.3569E+02
8.	0.1207E+02	0.1576E+03
9.	0.1847E+02	-0.1171E+03

## LEVEL FLIGHT, 98 KNOTS

HARMONIC	FRACTN RADIUS 0.00	
	AMPLITUDE	PHASE
0.	0.3256E+03	0.0000E+00
1.	0.5097E+03	-0.1503E+03
2.	0.4089E+03	0.9478E+01
3.	0.7204E+02	-0.1188E+03
4.	0.2826E+02	-0.1571E+02
5.	0.5428E+02	-0.8623E+02
6.	0.5445E+02	-0.5735E+01
7.	0.8573E+02	0.7820E+02
8.	0.1710E+02	0.1496E+03
9.	0.1607E+02	-0.6163E+02

## LEVEL FLIGHT, 82 KNOTS

HARMONIC	FRACTN RADIUS 0.00	
	AMPLITUDE	PHASE
0.	0.2667E+03	0.0000E+00
1.	0.4639E+03	-0.1455E+03
2.	0.2888E+03	0.2577E+02
3.	0.8687E+02	-0.1321E+03
4.	0.2672E+02	0.1099E+03
5.	0.7138E+02	-0.9601E+02
6.	0.1872E+02	0.7174E+02
7.	0.4087E+02	0.1500E+03
8.	0.2665E+02	-0.4240E+02
9.	0.2120E+02	0.1723E+02

Table IV-70. Pitch link load harmonic data, descent sweep

LEVEL FLIGHT, 102 KNOTS

HARMONIC	FRACTN RADIUS AMPLITUDE	0.00 PHASE
0.	0.3529E+03	0.0000E+00
1.	0.4908E+03	-0.1638E+03
2.	0.3476E+03	0.1175E+02
3.	0.1156E+03	-0.1425E+03
4.	0.1480E+02	0.1019E+03
5.	0.9531E+02	-0.1311E+03
6.	0.6495E+02	-0.5333E+02
7.	0.5800E+02	-0.7783E+01
8.	0.3001E+02	0.7061E+02
9.	0.9390E+01	0.5332E+02

DESCENT RATE 200 FPM, 103 KNOTS

HARMONIC	FRACTN RADIUS AMPLITUDE	0.00 PHASE
0.	0.1713E+03	0.0000E+00
1.	0.4846E+03	-0.1497E+03
2.	0.4035E+03	0.1534E+02
3.	0.9583E+02	-0.1030E+03
4.	0.2757E+02	-0.8993E+02
5.	0.8394E+02	-0.7643E+02
6.	0.5624E+02	-0.1429E+02
7.	0.6284E+02	0.7811E+02
8.	0.4622E+02	-0.1478E+03
9.	0.6970E+01	-0.1565E+03

DESCENT RATE 400 FPM, 98 KNOTS

HARMONIC	FRACTN RADIUS AMPLITUDE	0.00 PHASE
0.	0.2185E+03	0.0000E+00
1.	0.4529E+03	-0.1562E+03
2.	0.3635E+03	0.1073E+02
3.	0.1190E+03	-0.1265E+03
4.	0.2629E+02	0.1766E+03
5.	0.9741E+02	-0.1095E+03
6.	0.3470E+02	-0.4451E+02
7.	0.8378E+02	0.2747E+02
8.	0.3962E+02	0.1740E+03
9.	0.1197E+02	0.6499E+02

DESCENT RATE 600 FPM, 98 KNOTS

HARMONIC	FRACTN RADIUS AMPLITUDE	0.00 PHASE
0.	0.2563E+03	0.0000E+00
1.	0.4675E+03	-0.1532E+03
2.	0.4118E+03	0.1036E+02
3.	0.9935E+02	-0.1326E+03
4.	0.4166E+02	-0.1754E+03
5.	0.8302E+02	-0.9754E+02
6.	0.3354E+02	-0.2279E+02
7.	0.6001E+02	0.2284E+02
8.	0.1799E+02	0.1429E+03
9.	0.2095E+02	0.8776E+02

DESCENT RATE 800 FPM, 99 KNOTS

HARMONIC	FRACTN RADIUS AMPLITUDE	0.00 PHASE
0.	0.1524E+03	0.0000E+00
1.	0.4739E+03	-0.1513E+03
2.	0.3381E+03	0.9810E+01
3.	0.8008E+02	-0.1250E+03
4.	0.3894E+02	-0.1167E+03
5.	0.9354E+02	-0.9217E+02
6.	0.3989E+02	-0.5117E+02
7.	0.5628E+02	0.4936E+02
8.	0.3478E+02	0.1514E+03
9.	0.6478E+01	0.2297E+02

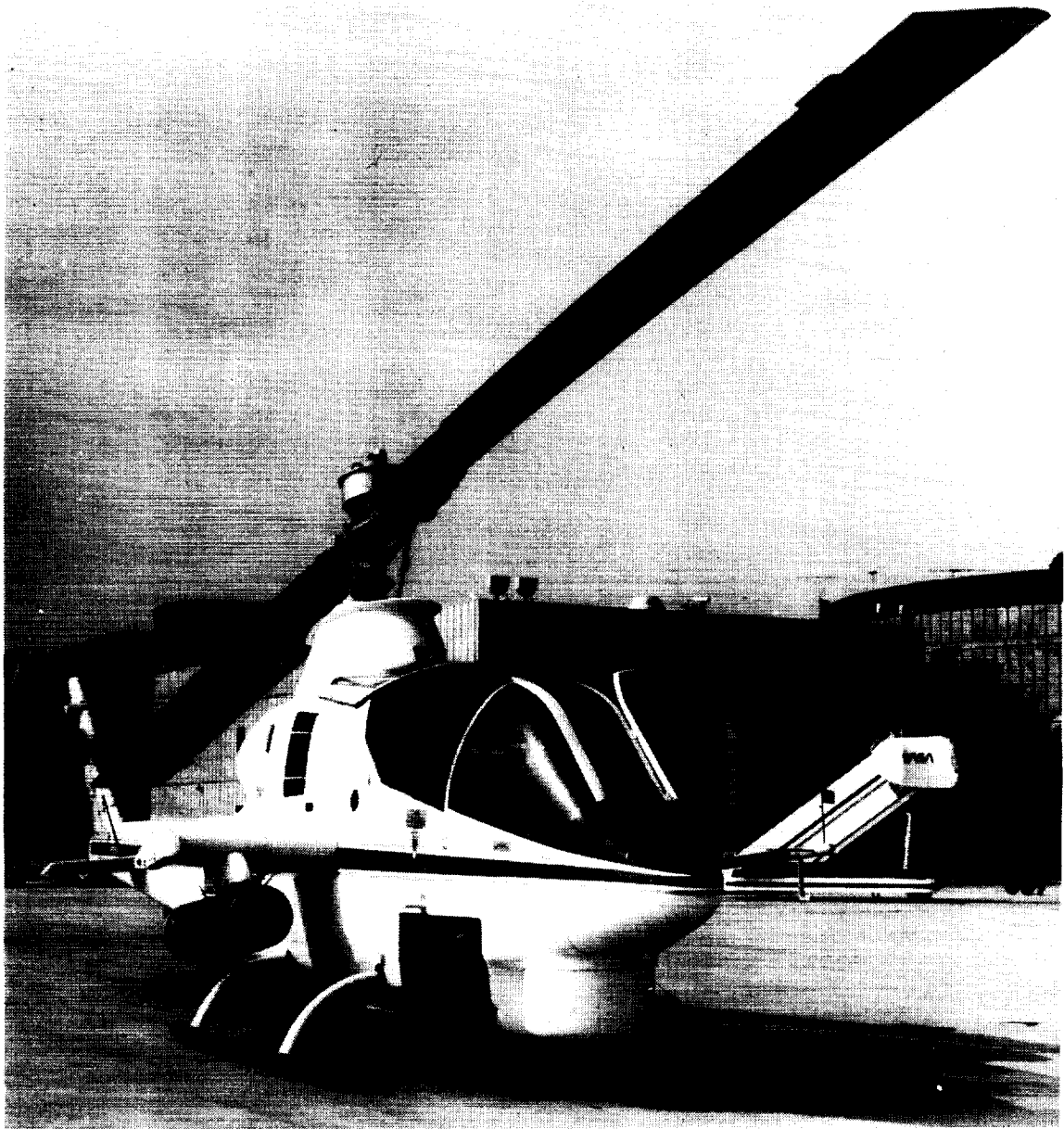
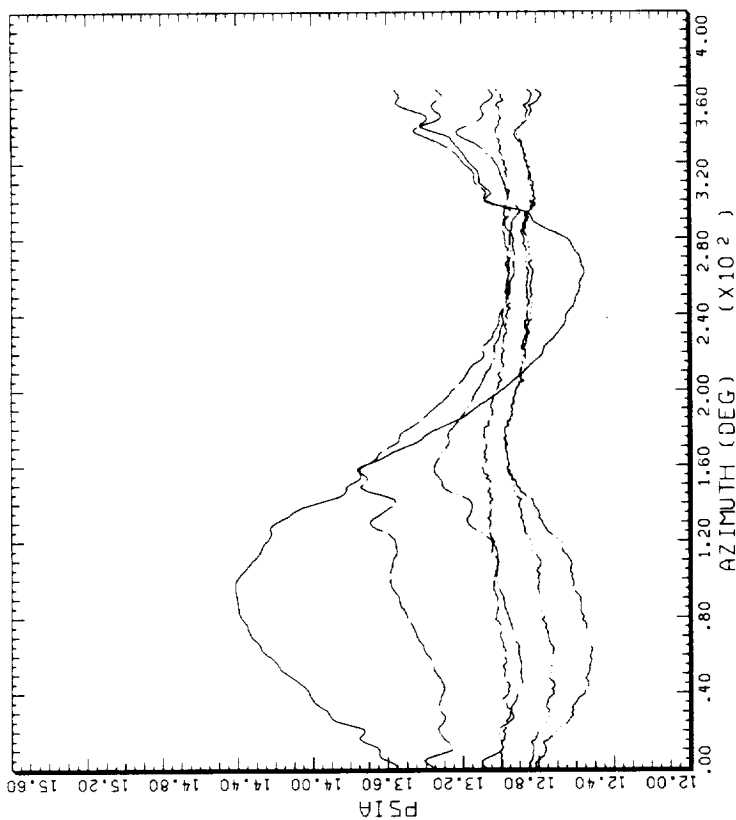
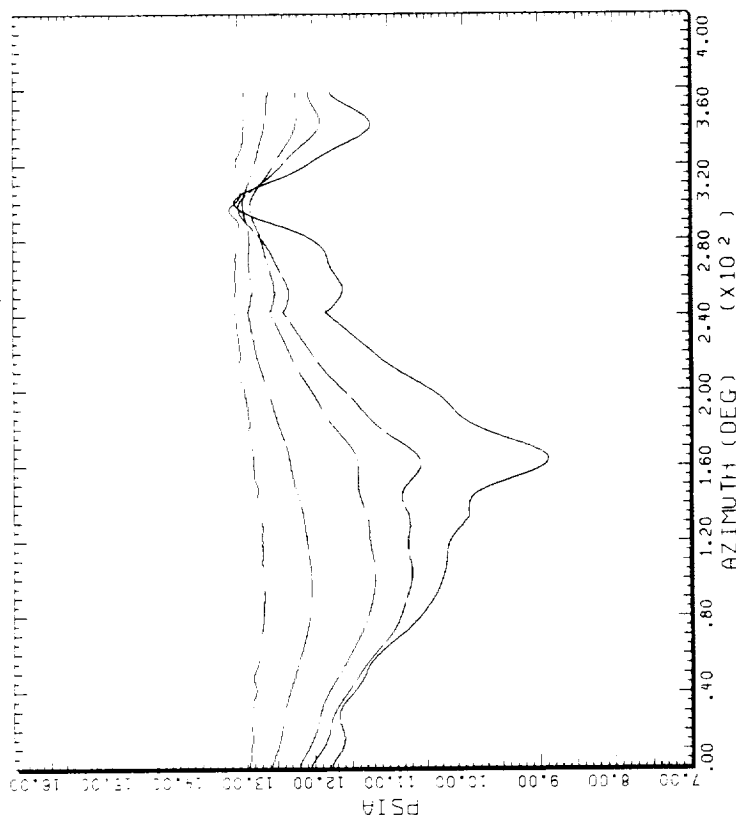


Figure 3-1. AH-1G White Cobra.



LEVEL FLIGHT, 102 KNOTS  
TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:	COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL AH-1G BOTTOM SURFACE
	.40		.01 X/CHORD	
			.03 X/CHORD	
			.08 X/CHORD	
			.25 X/CHORD	
			.45 X/CHORD	
			.70 X/CHORD	



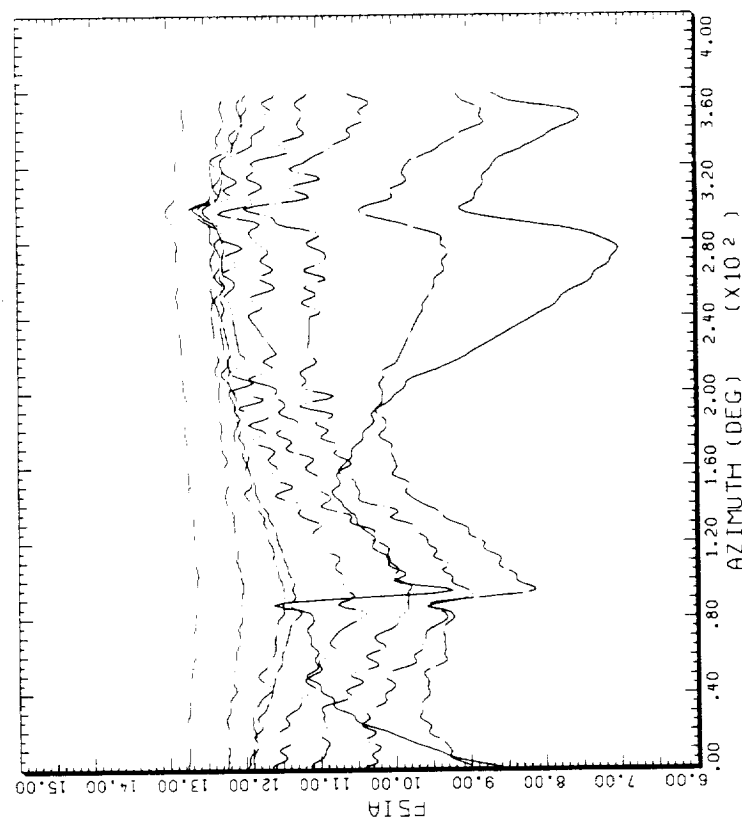
LEVEL FLIGHT, 102 KNOTS  
TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:	COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE AH 1G
	.40		.01 X/CHORD	
			.03 X/CHORD	
			.08 X/CHORD	
			.25 X/CHORD	
			.45 X/CHORD	
			.70 X/CHORD	

Figure 4-1a.

Figure 4-1. Pressure distribution at 102 KTAS level flight.

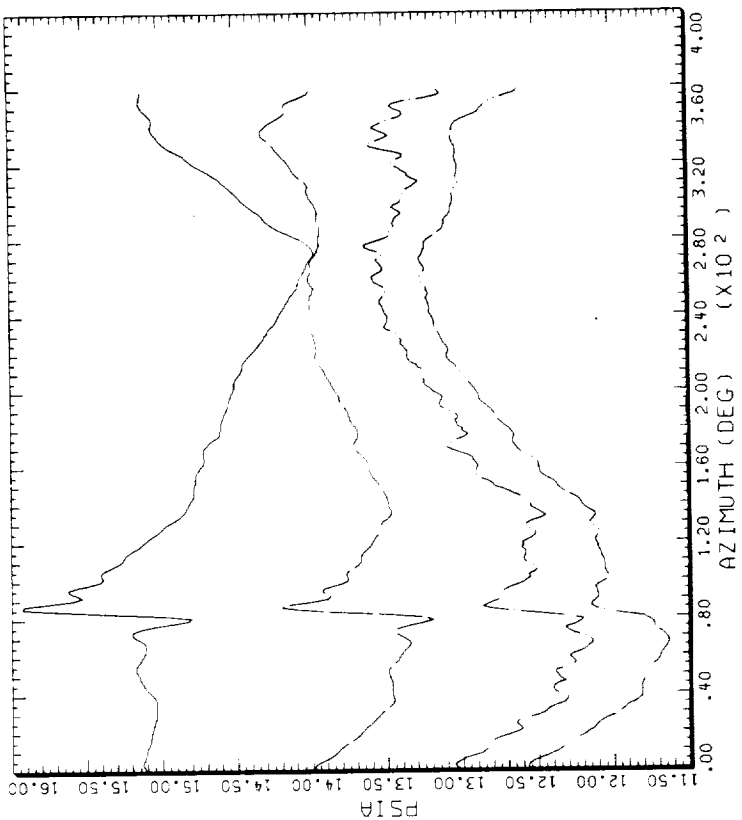




LEVEL FLIGHT, 102 KNOTS

THAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2826	LONG CG	TOP SURFACE	AT 1G	
.75	R/RADIUS				
		.01	X/CHORD	.55	X/CHORD
		.03	X/CHORD	.70	X/CHORD
		.08	X/CHORD		
		.15	X/CHORD		
		.25	X/CHORD		
		.35	X/CHORD		
		.40	X/CHORD		



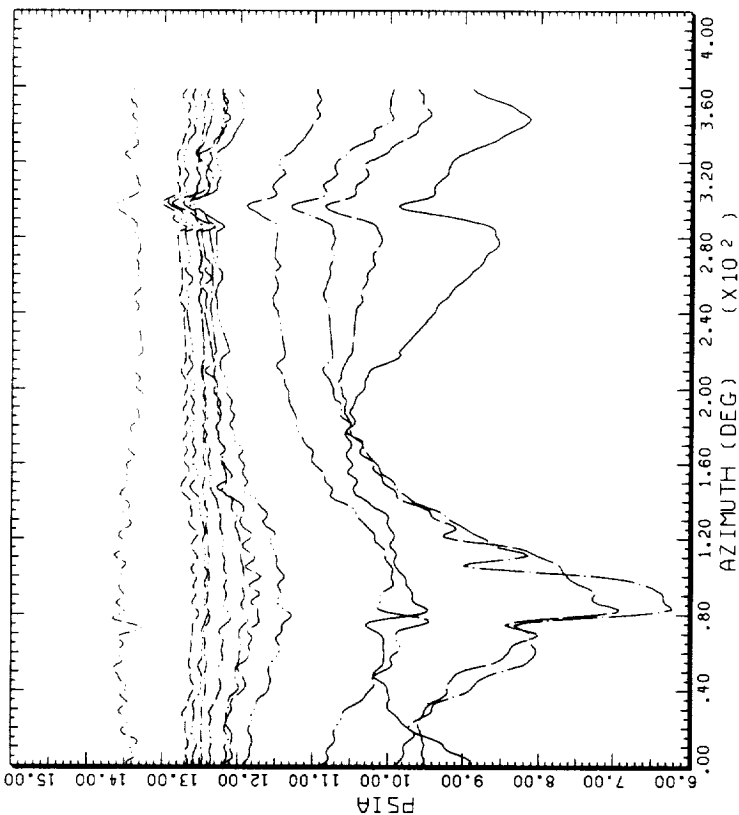
LEVEL FLIGHT, 102 KNOTS

THAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2826	LONG CG	AT 1G		
.75	R/RADIUS				
		.01	X/CHORD		
		.03	X/CHORD		
		.08	X/CHORD		
		.15	X/CHORD		

Figure 4-1c.

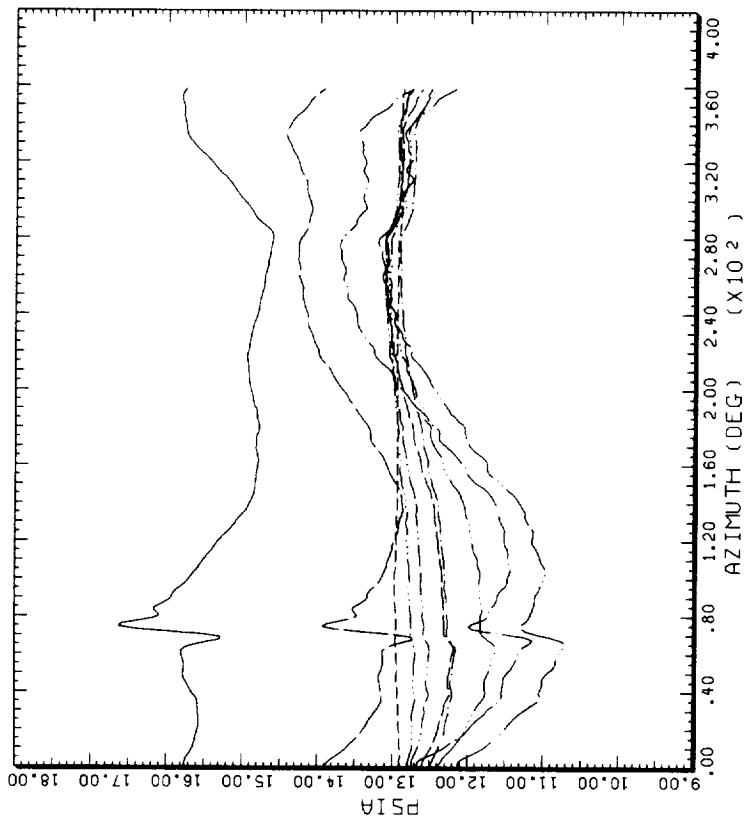
Figure 4-1. Continued.



LEVEL FLIGHT, 102 KNOTS

TART DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:	COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G
	.86	.03	X/CHORD	.50	X/CHORD
		.08	X/CHORD	.55	X/CHORD
		.15	X/CHORD	.60	X/CHORD
		.25	X/CHORD	.70	X/CHORD
		.35	X/CHORD	.92	X/CHORD
		.40	X/CHORD		
		.45	X/CHORD		



LEVEL FLIGHT, 102 KNOTS

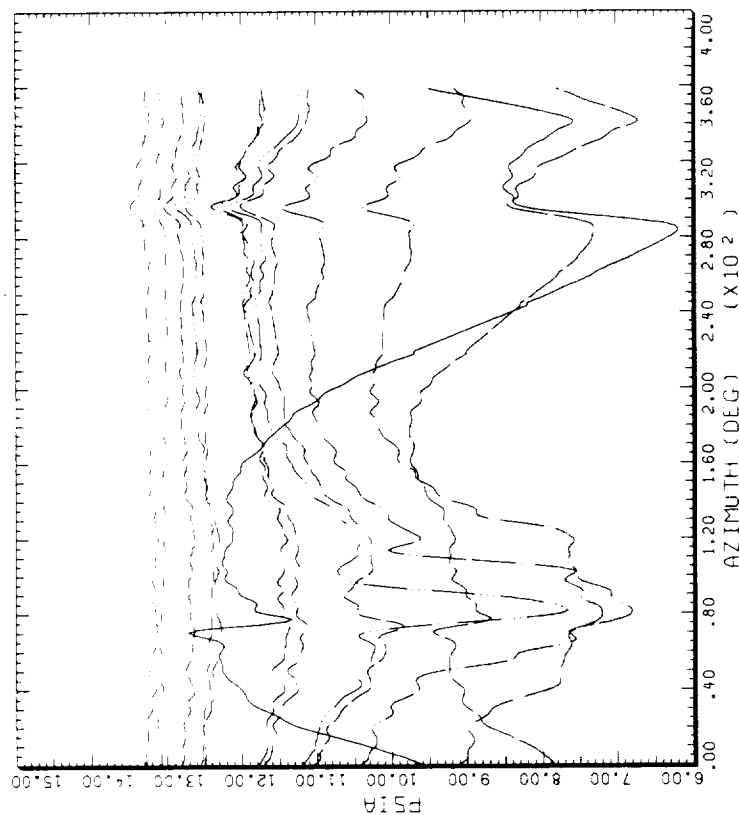
TART DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:	COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL BOTTOM SURFACE	AH-1G
	.86	.01	X/CHORD	.55	X/CHORD
		.03	X/CHORD	.70	X/CHORD
		.08	X/CHORD	.92	X/CHORD
		.15	X/CHORD		
		.35	X/CHORD		
		.45	X/CHORD		
		.50	X/CHORD		

Figure 4-1d.

Figure 4-1. Continued.



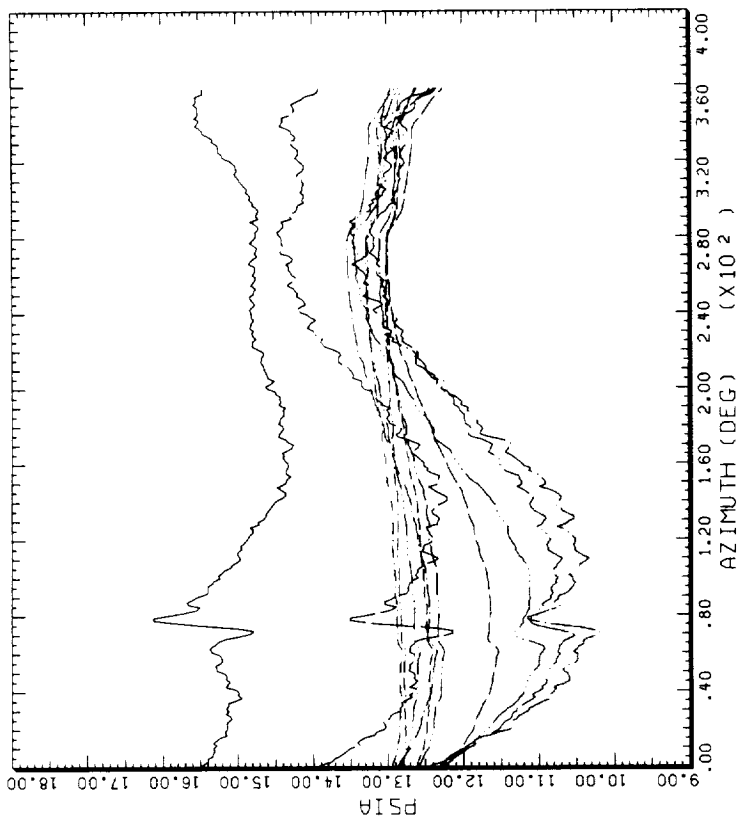


CYCLE AVERAGE:

COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G
.91	.01	X/CHORD	.40	X/CHORD
	.03	X/CHORD	.45	X/CHORD
	.08	X/CHORD	.50	X/CHORD
	.15	X/CHORD	.55	X/CHORD
	.20	X/CHORD	.60	X/CHORD
	.25	X/CHORD	.70	X/CHORD
	.35	X/CHORD		

LEVEL FLIGHT, 102 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD DNE5, 180 AZIMUTH



CYCLE AVERAGE:

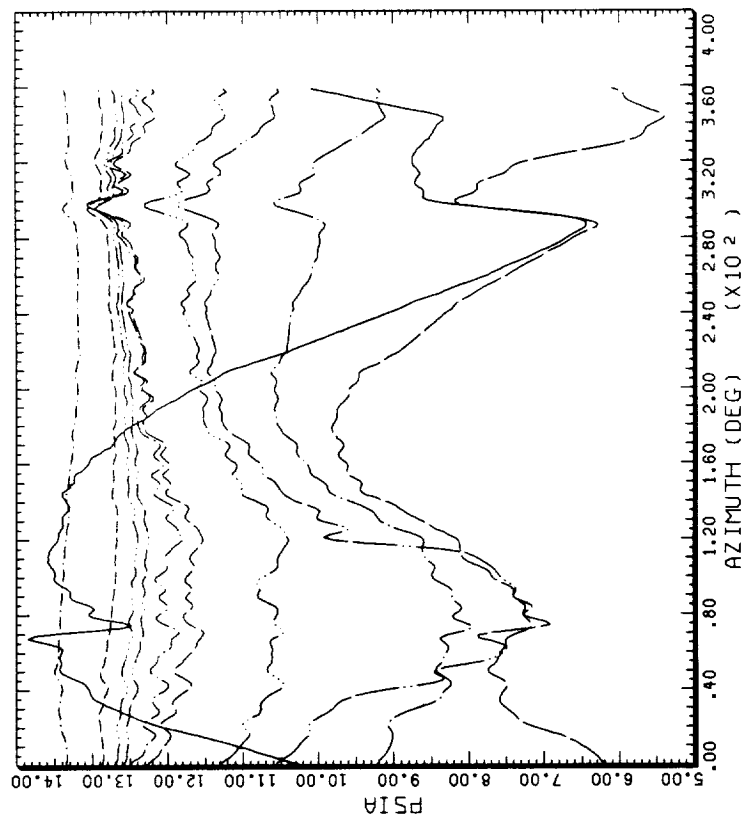
COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL BOTTOM SURFACE	AH-1G
.91	.01	X/CHORD	.45	X/CHORD
	.03	X/CHORD	.50	X/CHORD
	.08	X/CHORD	.55	X/CHORD
	.15	X/CHORD	.60	X/CHORD
	.20	X/CHORD	.70	X/CHORD
	.35	X/CHORD		
	.40	X/CHORD		

LEVEL FLIGHT, 102 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD DNE5, 180 AZIMUTH

Figure 4-1e.

Figure 4-1. Continued.

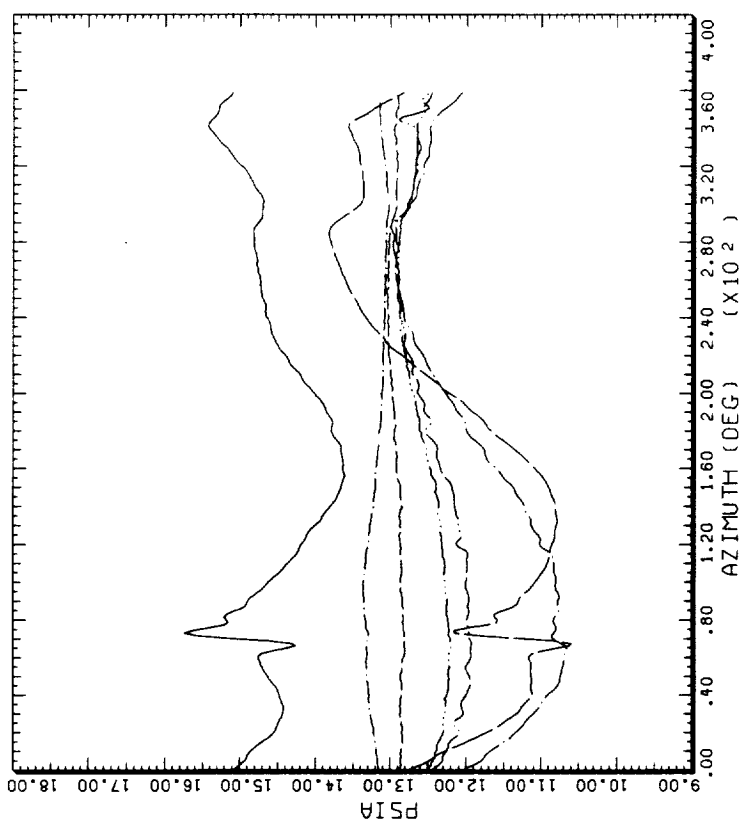


LEVEL FLIGHT, 102 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:

COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G
.96	.01	X/CHORD	.50	X/CHORD
	.03	X/CHORD	.55	X/CHORD
	.08	X/CHORD	.70	X/CHORD
	.15	X/CHORD	.92	X/CHORD
	.25	X/CHORD		
	.35	X/CHORD		
	.40	X/CHORD		



LEVEL FLIGHT, 102 KNOTS

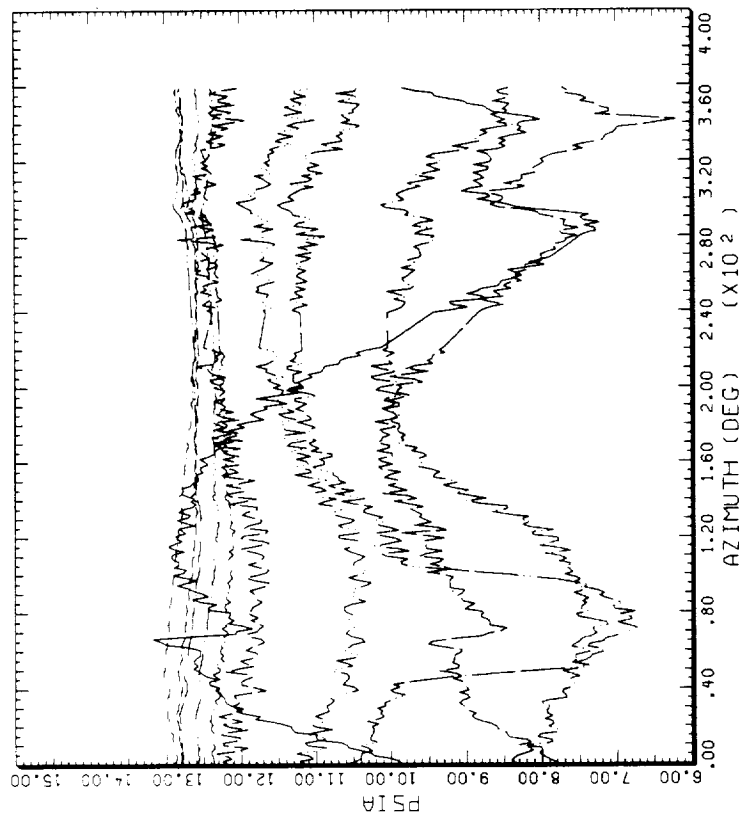
TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:

COUNTER	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL AH-1G BOTTOM SURFACE
.96	.01	X/CHORD	
	.03	X/CHORD	
	.25	X/CHORD	
	.40	X/CHORD	
	.50	X/CHORD	
	.70	X/CHORD	
	.92	X/CHORD	

Figure 4-1f.

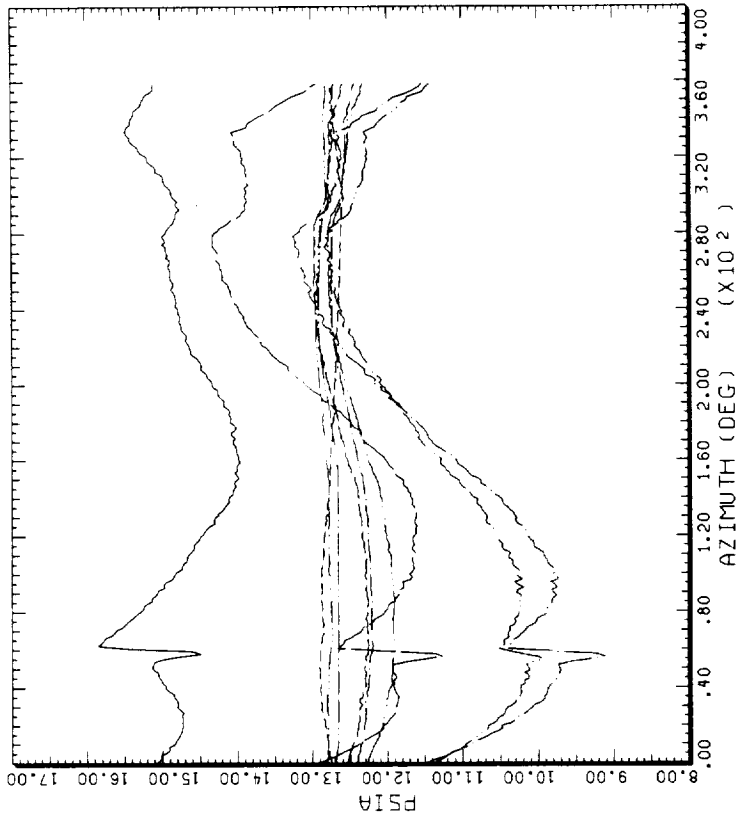
Figure 4-1. Continued.



LEVEL FLIGHT, 102 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2826	GROSS WT	SHIP MODEL	AH-1G
.97	R/RADIUS	LONG CG	TOP SURFACE	
	.01	X/C-HORO	.55	X/C-HORO
	.03	X/C-HORO	.60	X/C-HORO
	.08	X/C-HORO	.70	X/C-HORO
	.15	X/C-HORO	.92	X/C-HORO
	.25	X/C-HORO		
	.35	X/C-HORO		
	.50	X/C-HORO		



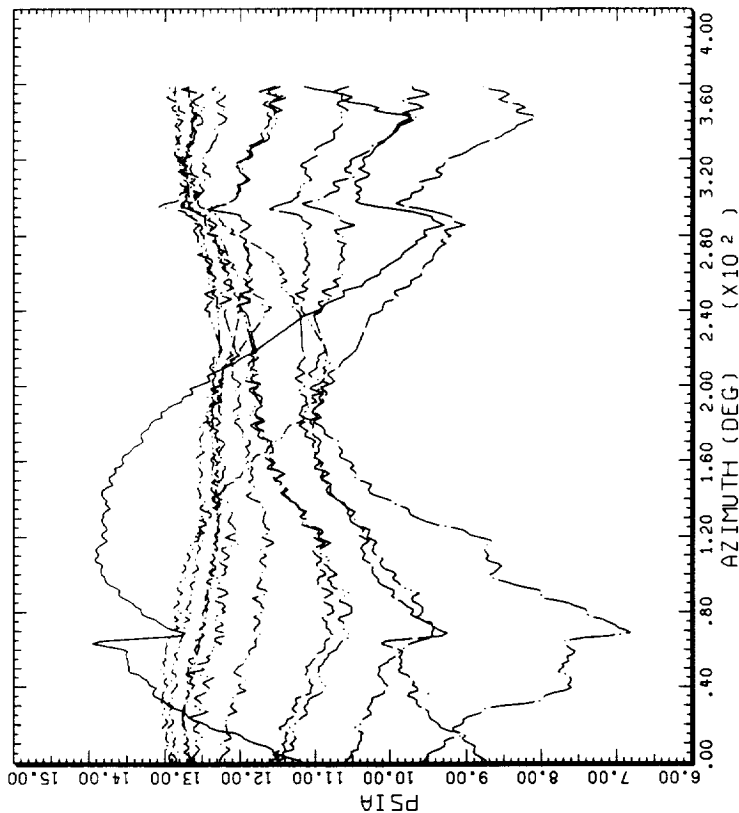
LEVEL FLIGHT, 102 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2826	GROSS WT	SHIP MODEL	AH-1G
.97	R/RADIUS	LONG CG	BOTTOM SURFACE	
	.01	X/C-HORO	.60	X/C-HORO
	.03	X/C-HORO	.70	X/C-HORO
	.08	X/C-HORO	.92	X/C-HORO
	.15	X/C-HORO		
	.40	X/C-HORO		
	.45	X/C-HORO		
	.50	X/C-HORO		

Figure 4-1g.

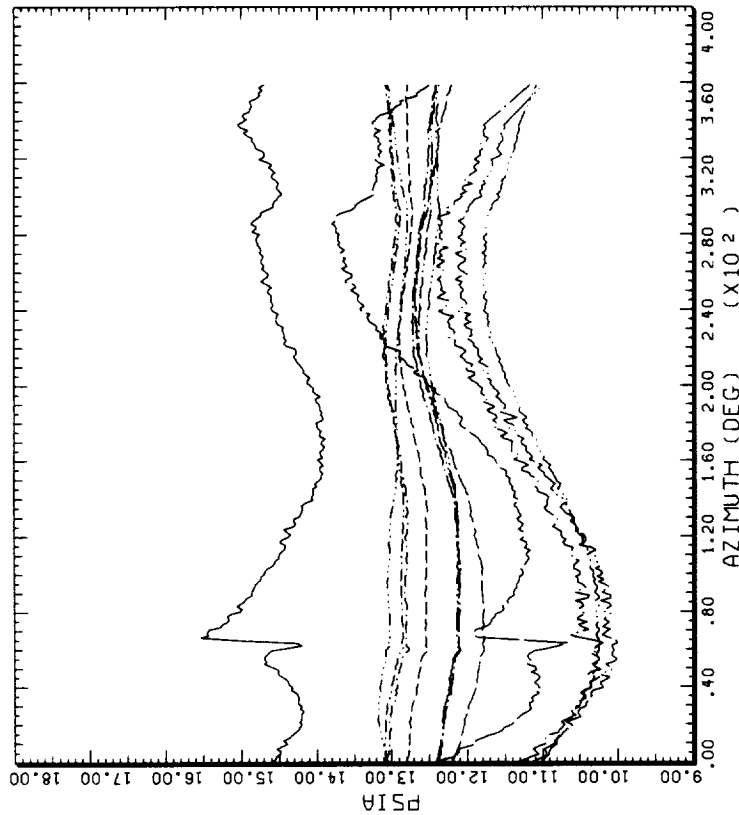
Figure 4-1. Continued.



LEVEL FLIGHT, 102 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER .99	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G X/CHORD
---	.01	X/CHORD	.40	X/CHORD
---	.03	X/CHORD	.50	X/CHORD
---	.08	X/CHORD	.60	X/CHORD
---	.15	X/CHORD	.70	X/CHORD
---	.20	X/CHORD	.92	X/CHORD
---	.25	X/CHORD		
---	.35	X/CHORD		



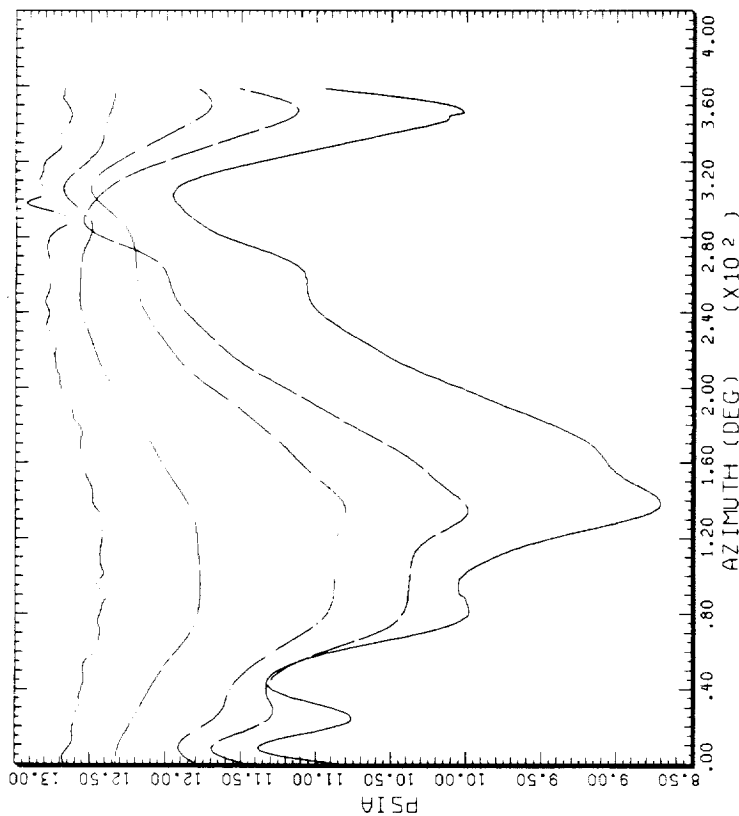
LEVEL FLIGHT, 102 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER .99	2826 R/RADIUS	GROSS WT LONG CG	SHIP MODEL BOTTOM SURFACE	AH-1G X/CHORD
---	.01	X/CHORD	.45	X/CHORD
---	.03	X/CHORD	.50	X/CHORD
---	.15	X/CHORD	.55	X/CHORD
---	.20	X/CHORD	.60	X/CHORD
---	.25	X/CHORD	.70	X/CHORD
---	.35	X/CHORD	.92	X/CHORD
---	.40	X/CHORD		

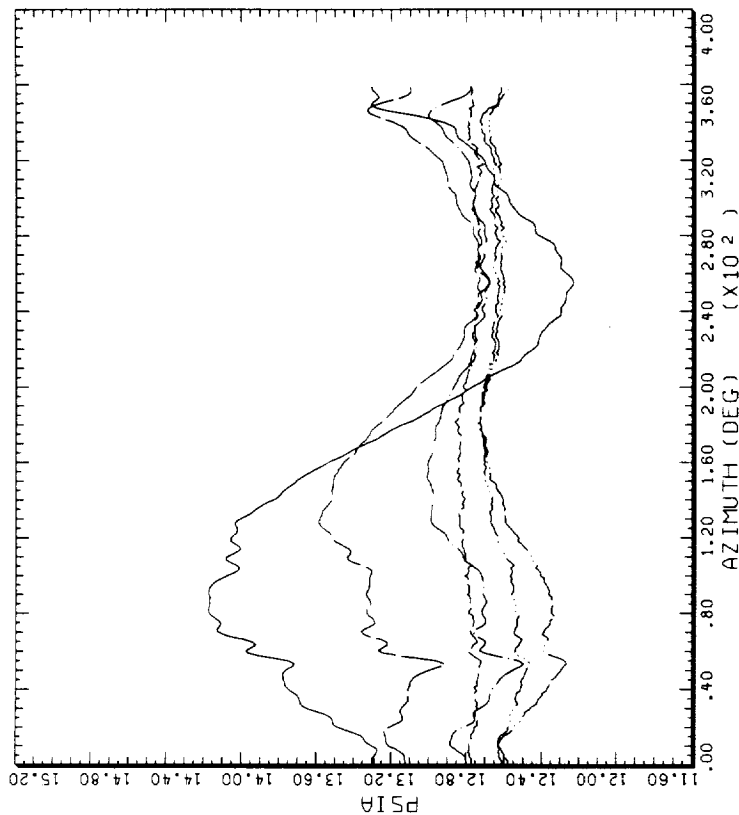
Figure 4-1h.

Figure 4-1. Concluded.



CYCLE AVERAGE:

COUNTER	2828	GROSS WT	SHIP MODEL	AH-1G
.40	R/RADIUS	LONG CG	TOP SURFACE	
	.01	X/CHORD		
	.03	X/CHORD		
	.08	X/CHORD		
	.25	X/CHORD		
	.45	X/CHORD		
	.70	X/CHORD		

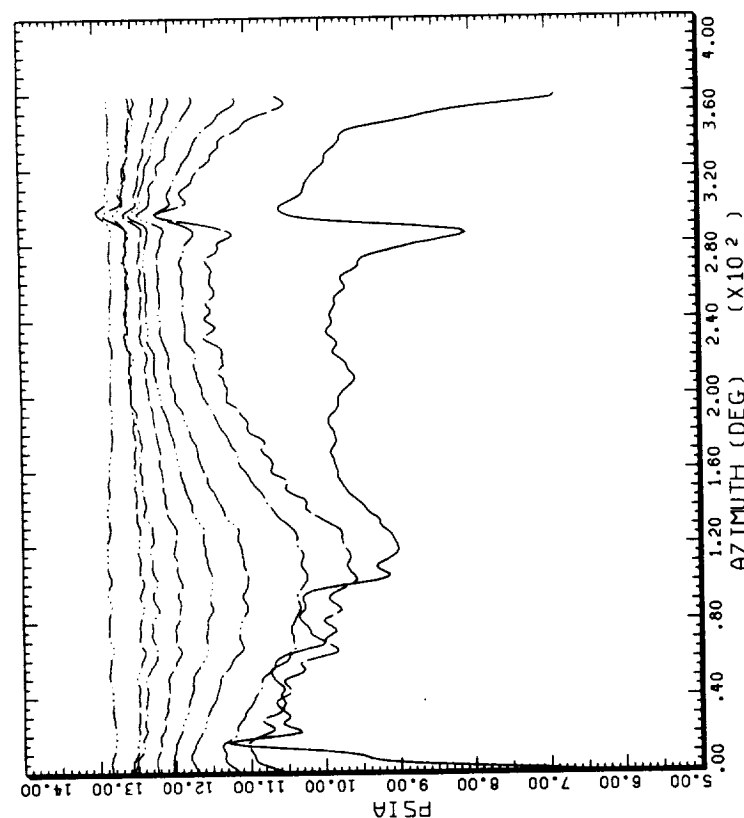


CYCLE AVERAGE:

COUNTER	2828	GROSS WT	SHIP MODEL	AH-1G
.40	R/RADIUS	LONG CG	BOTTOM SURFACE	
	.01	X/CHORD		
	.03	X/CHORD		
	.08	X/CHORD		
	.25	X/CHORD		
	.45	X/CHORD		
	.70	X/CHORD		

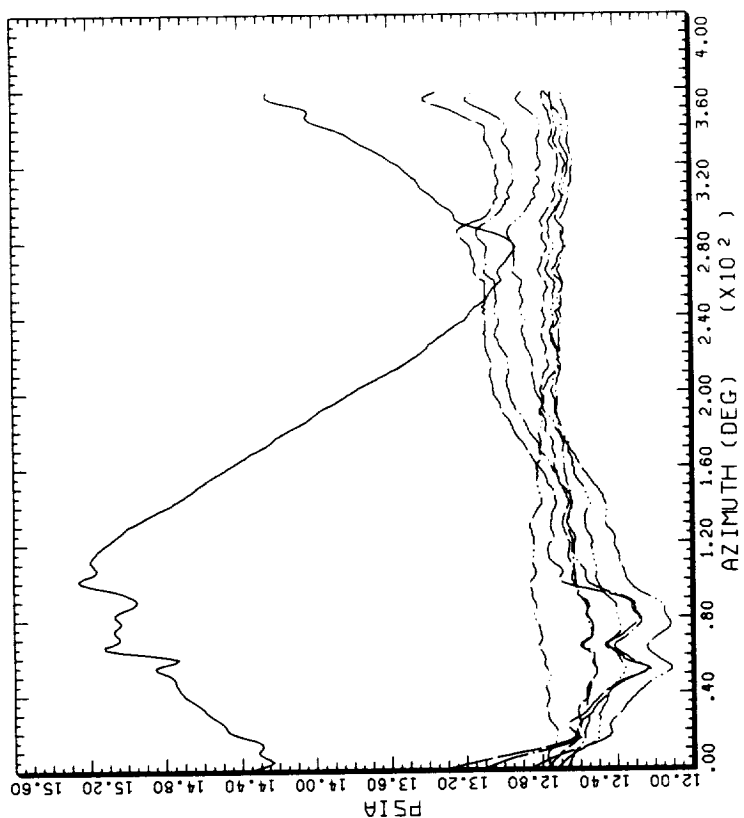
Figure 4-2a.

Figure 4-2. Pressure distribution at 103 KTAS 200 FPM R/S.



CYCLE AVERAGE:

COUNTER	2828	2828	SHIP MODEL	SHIP MODEL
.60	R/RADIUS	LONG CG	TOP SURFACE	AH-1G
	.01	X/CHORD	.70	X/CHORD
	.08	X/CHORD	.92	X/CHORD
	.15	X/CHORD		
	.25	X/CHORD		
	.35	X/CHORD		
	.45	X/CHORD		
	.55	X/CHORD		



CYCLE AVERAGE:

COUNTER	2828	2828	SHIP MODEL	SHIP MODEL
.60	R/RADIUS	LONG CG	BOTTOM SURFACE	AH-1G
	.01	X/CHORD	.92	X/CHORD
	.08	X/CHORD		
	.15	X/CHORD		
	.25	X/CHORD		
	.45	X/CHORD		
	.55	X/CHORD		
	.70	X/CHORD		

Figure 4-2b.

Figure 4-2. Continued.

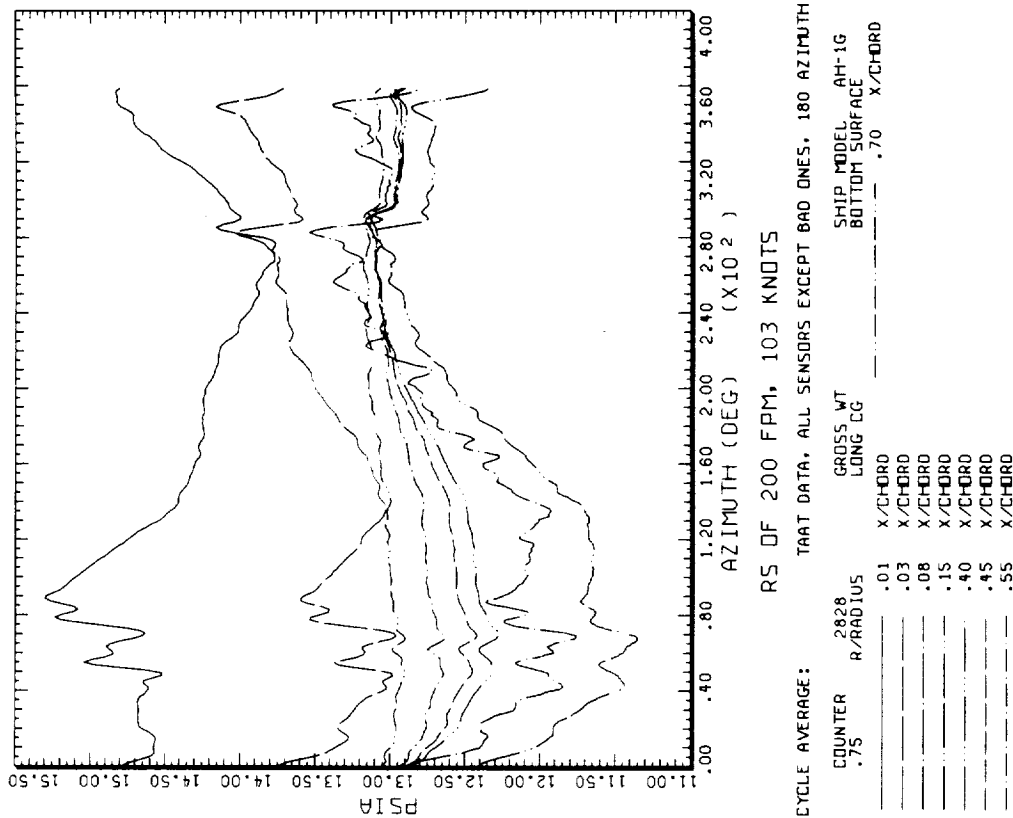
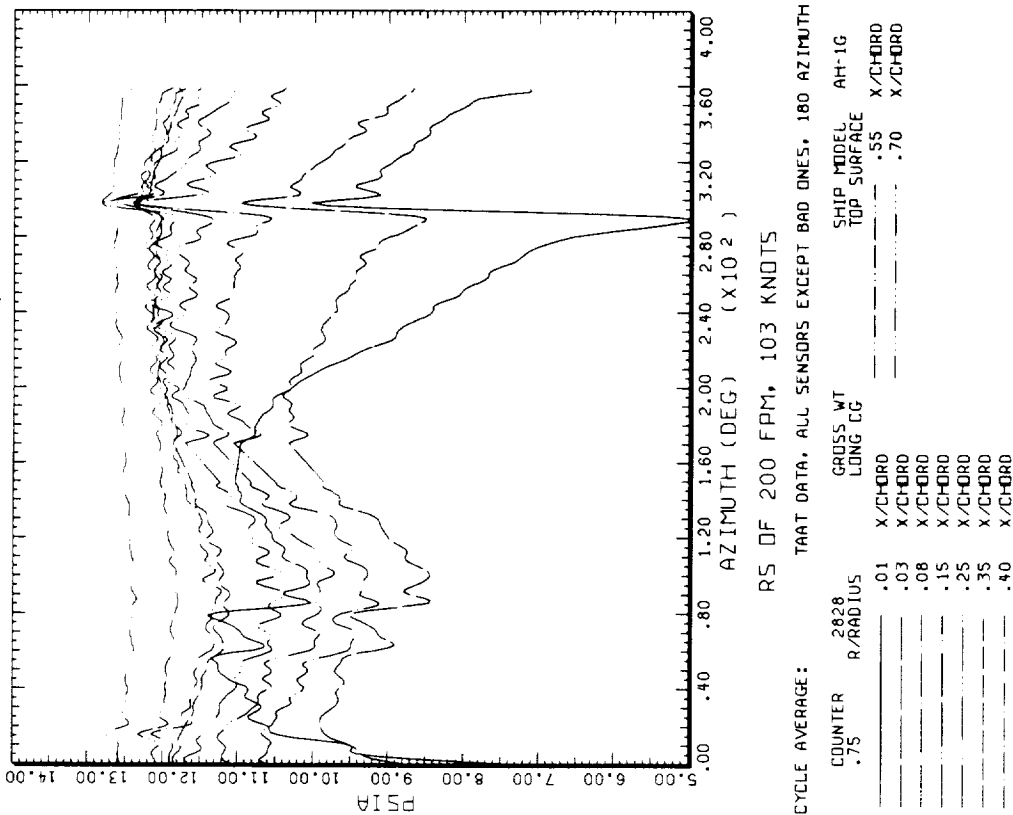
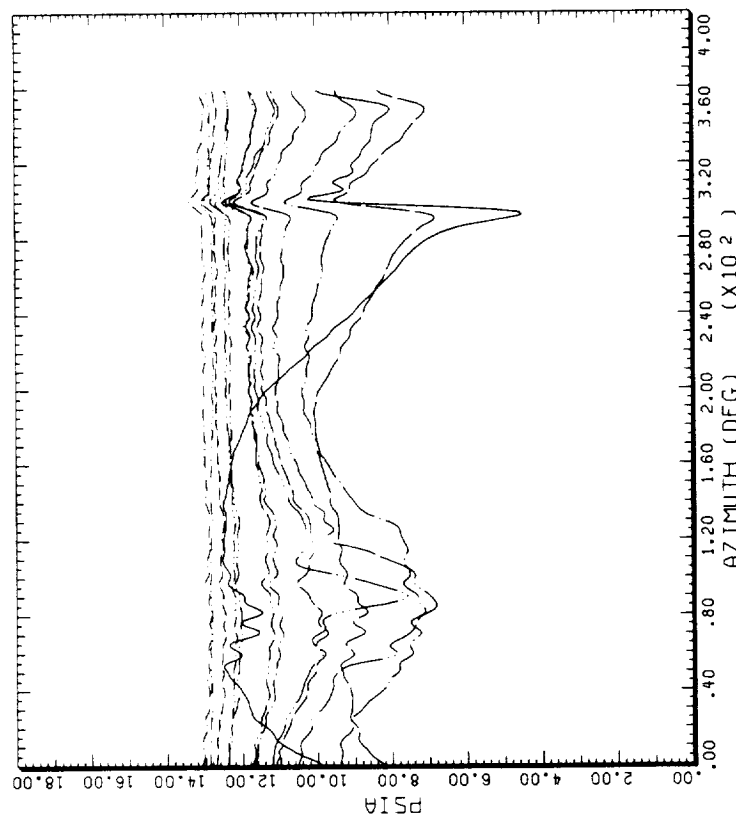


Figure 4-2c.

Figure 4-2. Continued.



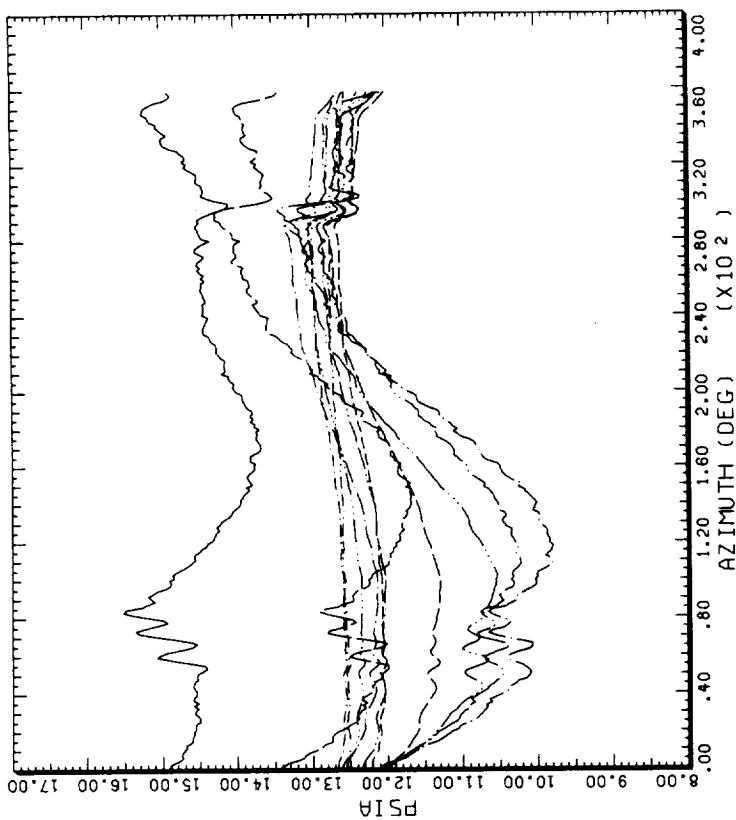




RS OF 200 FPM, 103 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL		AH-1G	
COUNTER	2828	LONG CG	TOP SURFACE	TOP SURFACE	TOP SURFACE	TOP SURFACE	TOP SURFACE
.91	R/RADIUS	X/CHORD	X/CHORD	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.01	.40	.45	.50	.55	.60	.70
	.03	.45	.50	.55	.60	.65	.70
	.08	.50	.55	.60	.65	.70	.75
	.15	.55	.60	.65	.70	.75	.80
	.20	.60	.65	.70	.75	.80	.85
	.25	.65	.70	.75	.80	.85	.90
	.35	.75	.80	.85	.90	.95	1.00



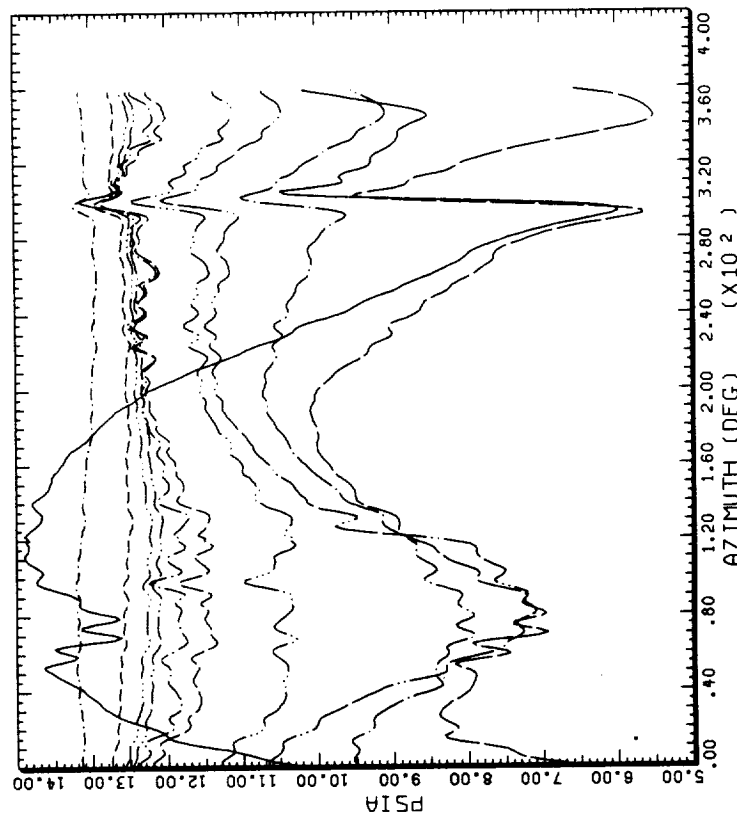
RS OF 200 FPM, 103 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL		AH-1G	
COUNTER	2828	LONG CG	BOTTOM SURFACE	BOTTOM SURFACE	BOTTOM SURFACE	BOTTOM SURFACE	BOTTOM SURFACE
.91	R/RADIUS	X/CHORD	X/CHORD	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.01	.40	.45	.50	.55	.60	.70
	.03	.45	.50	.55	.60	.65	.70
	.08	.50	.55	.60	.65	.70	.75
	.15	.55	.60	.65	.70	.75	.80
	.20	.60	.65	.70	.75	.80	.85
	.25	.65	.70	.75	.80	.85	.90
	.40	.75	.80	.85	.90	.95	1.00

Figure 4-2e.

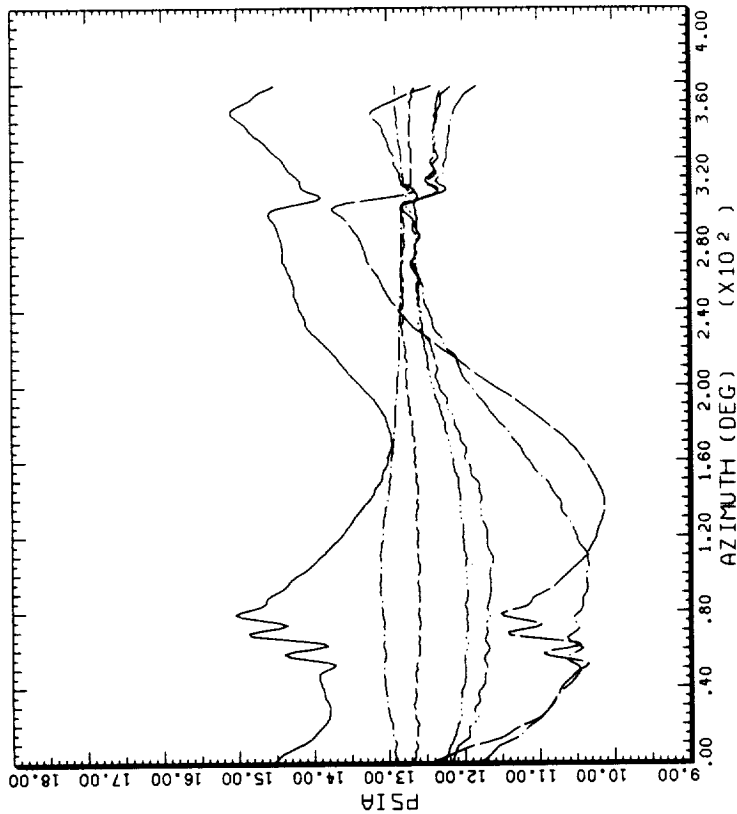
Figure 4-2. Continued.



RS OF 200 FPM, 103 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2026	GROSS WT	SHIP MODEL	AH-1G
.96	R/RADIUS	LONG CG	TOP SURFACE	
_____	.01	X/CHORD	.50	X/CHORD
_____	.03	X/CHORD	.55	X/CHORD
_____	.08	X/CHORD	.70	X/CHORD
_____	.15	X/CHORD	.92	X/CHORD
_____	.25	X/CHORD		
_____	.35	X/CHORD		
_____	.40	X/CHORD		



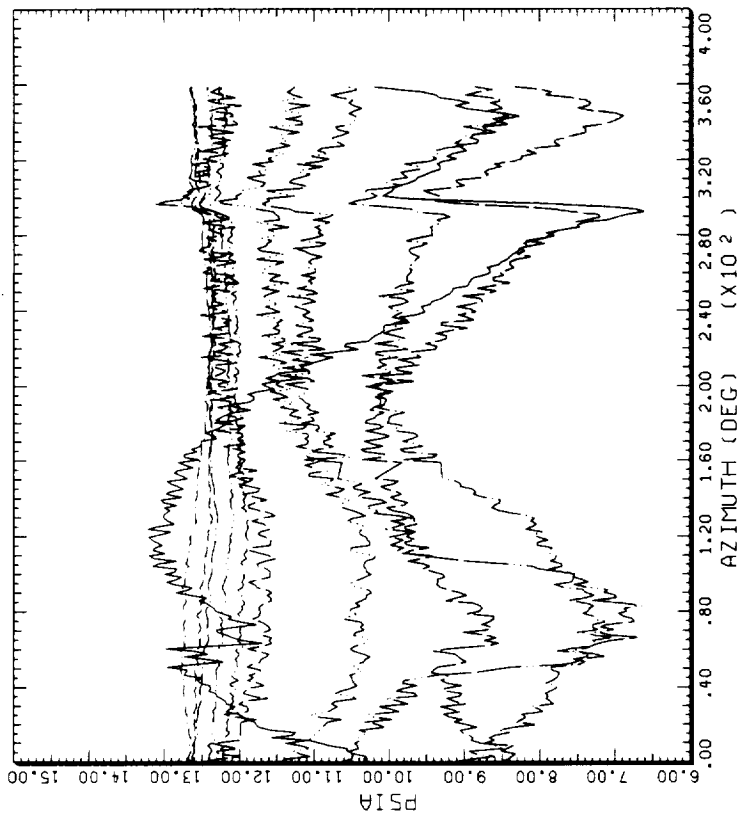
RS OF 200 FPM, 103 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2026	GROSS WT	SHIP MODEL	AH-1G
.96	R/RADIUS	LONG CG	BOTTOM SURFACE	
_____	.01	X/CHORD		
_____	.03	X/CHORD		
_____	.25	X/CHORD		
_____	.40	X/CHORD		
_____	.50	X/CHORD		
_____	.70	X/CHORD		
_____	.92	X/CHORD		

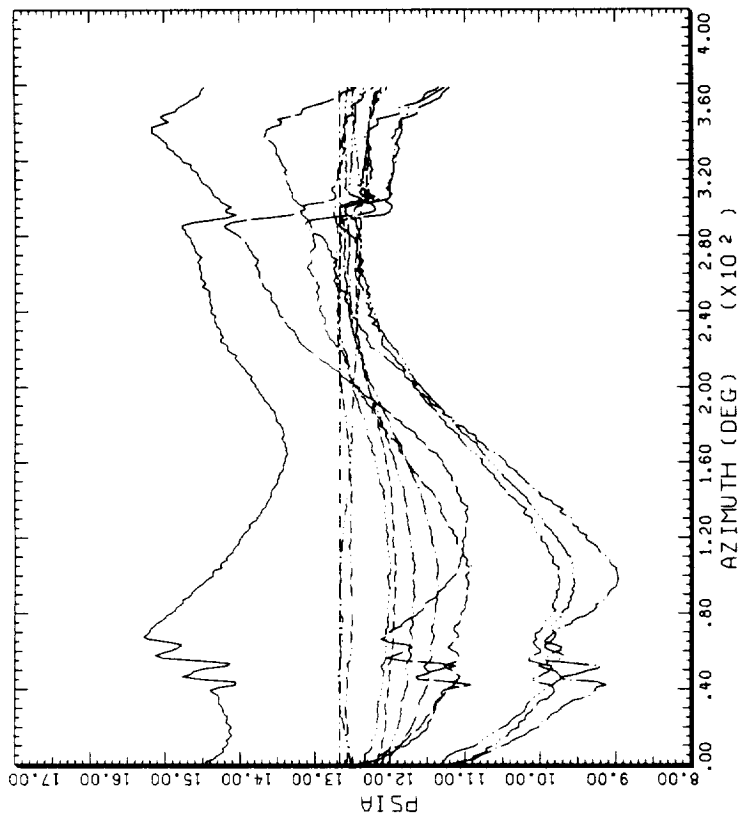
Figure 4-2f.

Figure 4-2. Continued.



RS OF 200 FPM, 103 KNOTS

CYCLE AVERAGE:				TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2828	GROSS WT	SHIP MODEL	COUNTER	2828	GROSS WT	SHIP MODEL
.97	R/RADIUS	LONG CG	TOP SURFACE	.97	R/RADIUS	LONG CG	TOP SURFACE
	.01	X/C-ORD	.55		.01	X/C-ORD	.55
	.03	X/C-ORD	.60		.03	X/C-ORD	.60
	.08	X/C-ORD	.70		.08	X/C-ORD	.70
	.15	X/C-ORD	.92		.15	X/C-ORD	.92
	.25	X/C-ORD			.25	X/C-ORD	
	.35	X/C-ORD			.35	X/C-ORD	
	.50	X/C-ORD			.50	X/C-ORD	

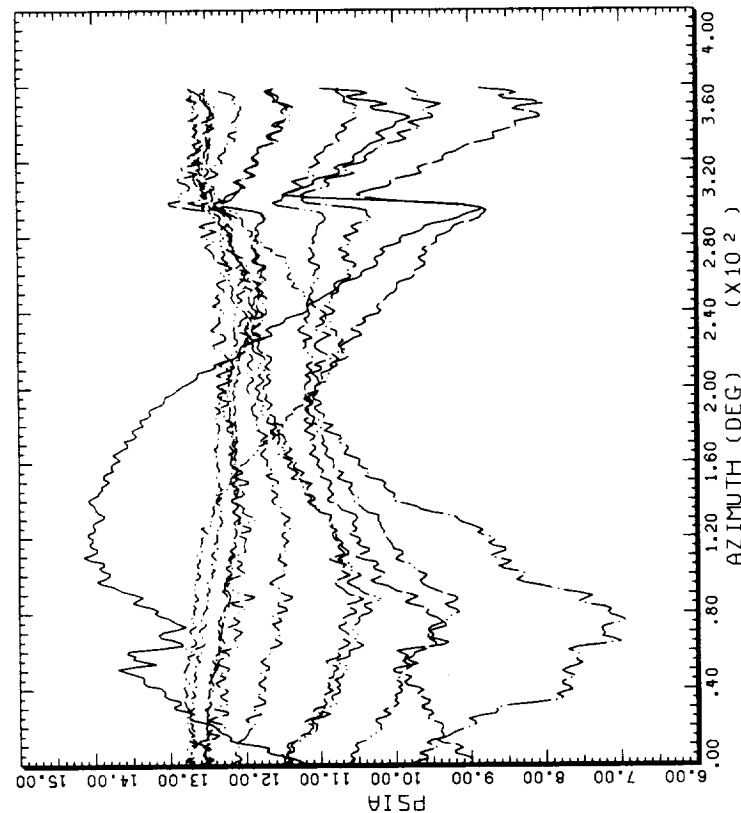


RS OF 200 FPM, 103 KNOTS

CYCLE AVERAGE:				TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2828	GROSS WT	SHIP MODEL	COUNTER	2828	GROSS WT	SHIP MODEL
.97	R/RADIUS	LONG CG	BOTTOM SURFACE	.97	R/RADIUS	LONG CG	BOTTOM SURFACE
	.01	X/C-ORD	.40		.01	X/C-ORD	.40
	.03	X/C-ORD	.45		.03	X/C-ORD	.45
	.08	X/C-ORD	.50		.08	X/C-ORD	.50
	.15	X/C-ORD	.60		.15	X/C-ORD	.60
	.20	X/C-ORD	.70		.20	X/C-ORD	.70
	.25	X/C-ORD	.92		.25	X/C-ORD	.92
	.35	X/C-ORD			.35	X/C-ORD	

Figure 4-2g.

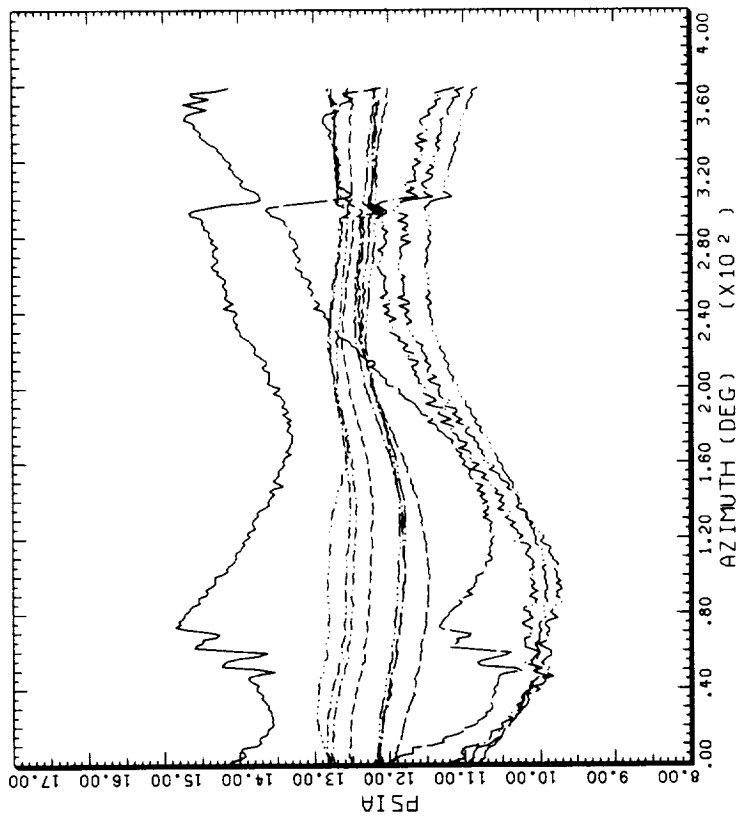
Figure 4-2. Continued.



RS OF 200 FPM, 103 KNOTS

TAAZ DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2828	LONG	CG	TOP SURFACE	AH-1G
.99	R/RADIUS	.01	X/CHORD	.40	X/CHORD
		.03	X/CHORD	.50	X/CHORD
		.06	X/CHORD	.60	X/CHORD
		.15	X/CHORD	.70	X/CHORD
		.20	X/CHORD	.92	X/CHORD
		.25	X/CHORD		
		.35	X/CHORD		



RS OF 200 FPM, 103 KNOTS

TAAZ DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2828	LONG	CG	BOTTOM SURFACE	AH-1G
.99	R/RADIUS	.01	X/CHORD	.45	X/CHORD
		.03	X/CHORD	.50	X/CHORD
		.15	X/CHORD	.55	X/CHORD
		.20	X/CHORD	.60	X/CHORD
		.25	X/CHORD	.70	X/CHORD
		.35	X/CHORD	.92	X/CHORD
		.40	X/CHORD		

Figure 4-2h.

Figure 4-2. Concluded.

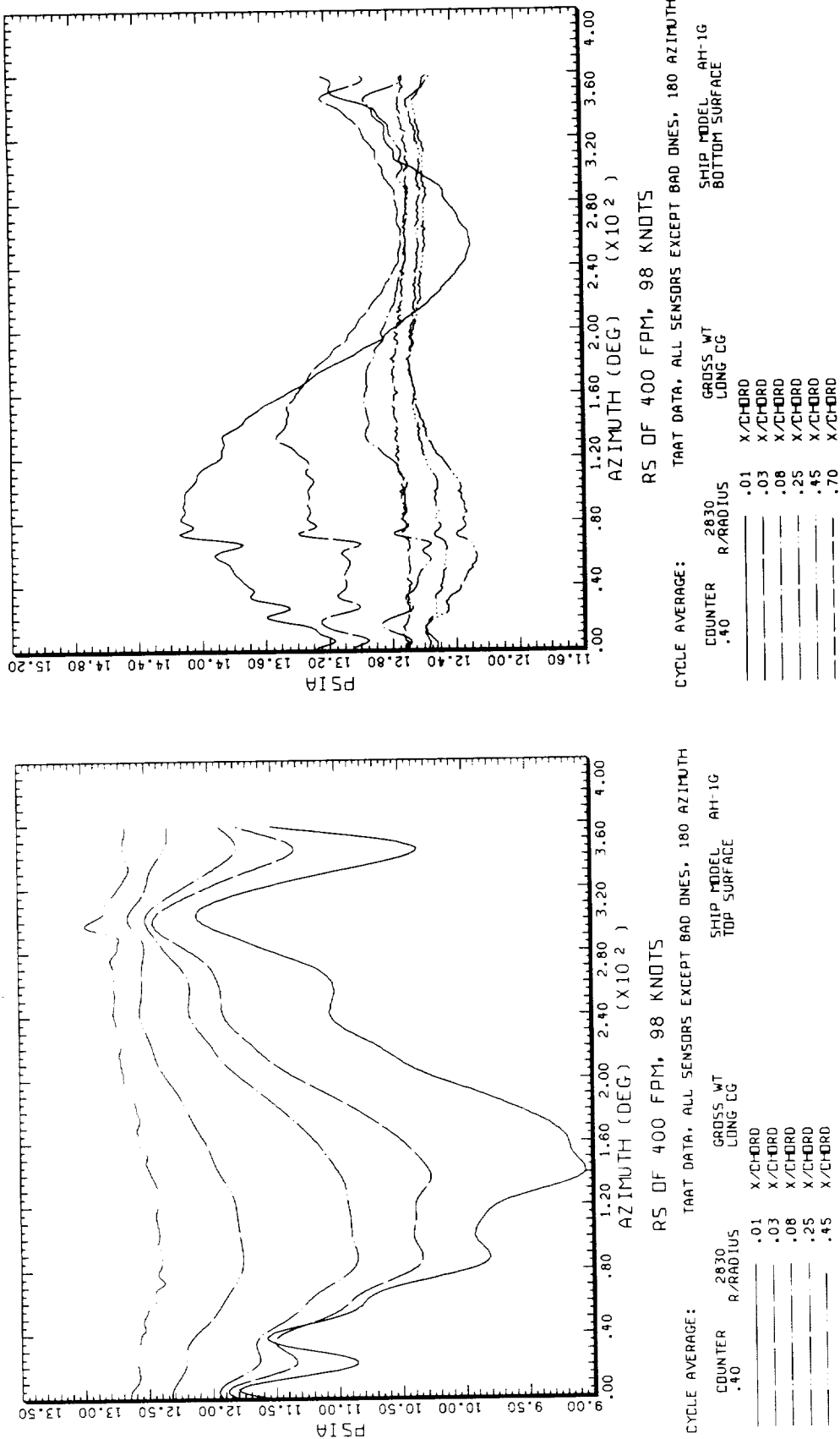
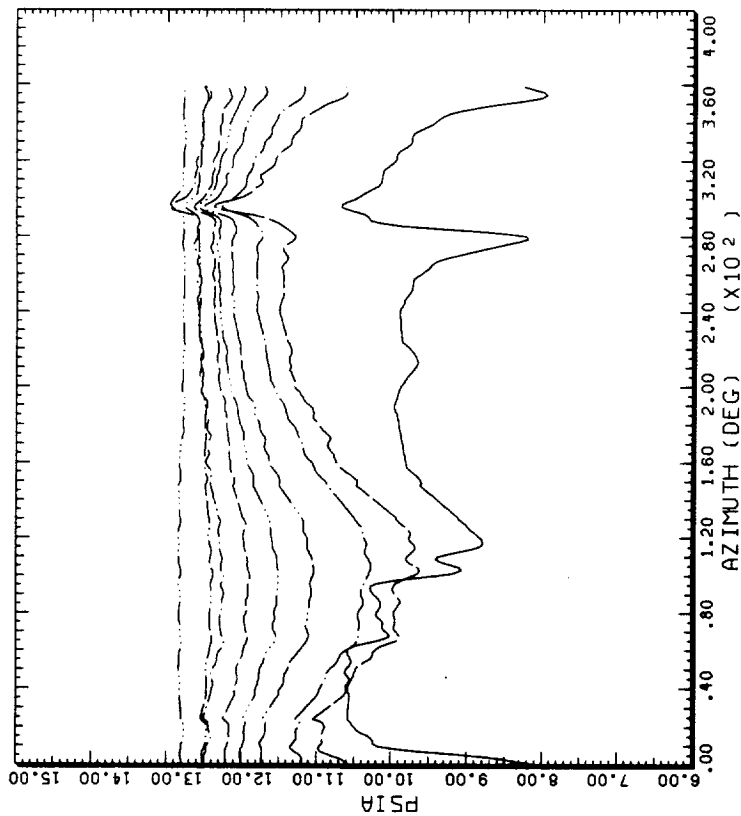


Figure 4-3a.

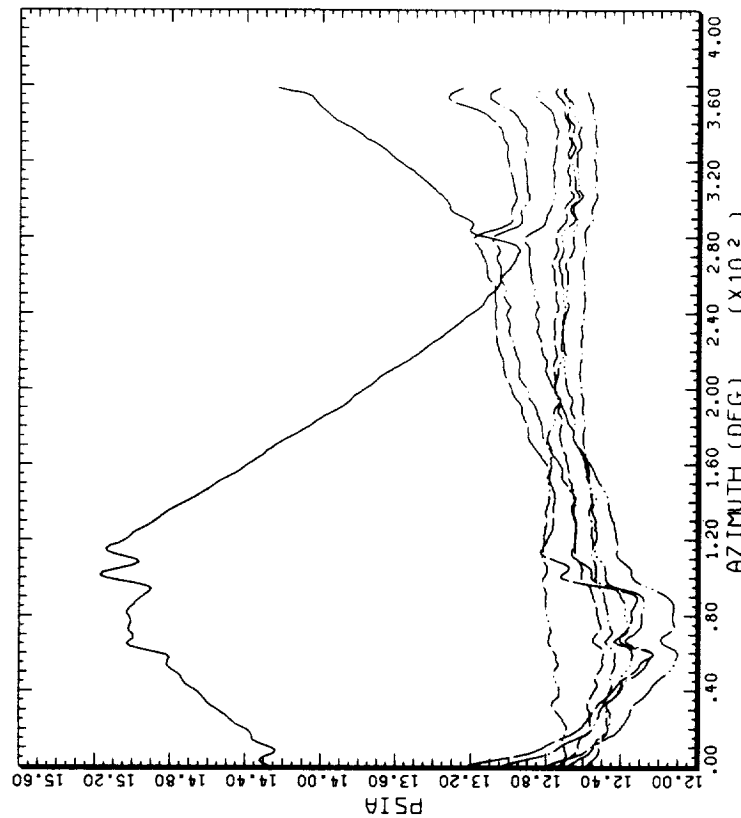
Figure 4-3. Pressure distribution at 98 KTAS 400 FPM R/S.



RS DF 400 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2830	LONG CG	TOP SURFACE	AH-1G	
.60	R/RADIUS				
		X/CHORD		X/CHORD	
		.01	.70	.92	
		.08			
		.15			
		.25			
		.35			
		.45			
		.55			



RS DF 400 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2830	LONG CG	BOTTOM SURFACE	AH-1G	
.60	R/RADIUS				
		X/CHORD		X/CHORD	
		.01	.92		
		.08			
		.15			
		.25			
		.45			
		.55			
		.70			

Figure 4-3b.

Figure 4-3. Continued.

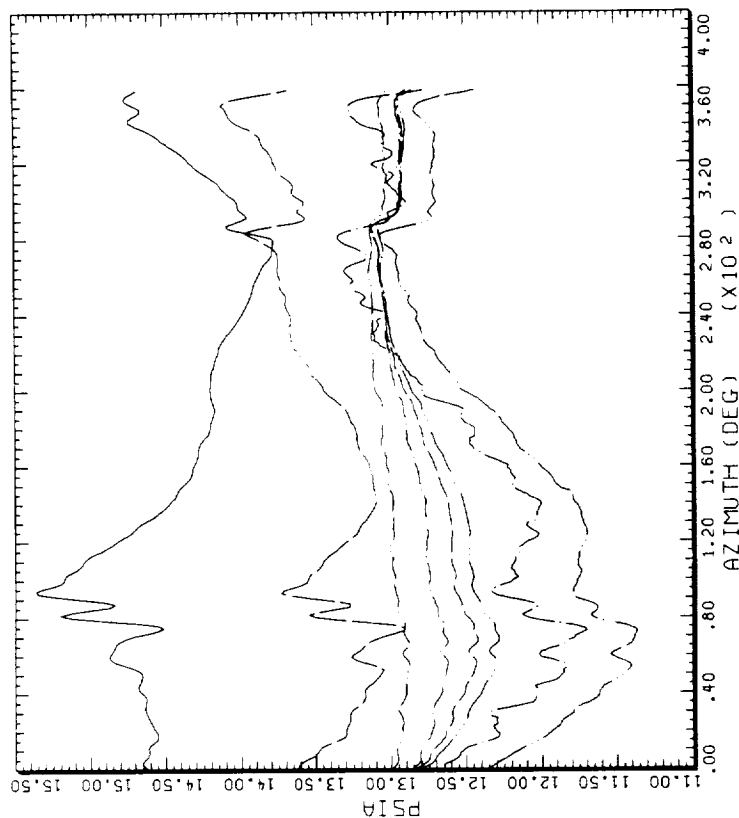
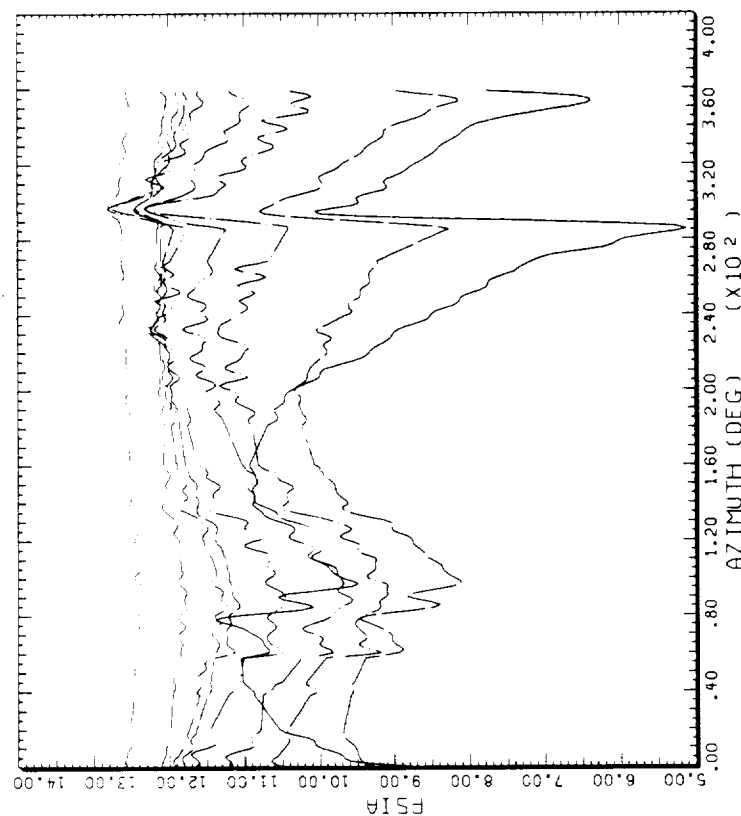
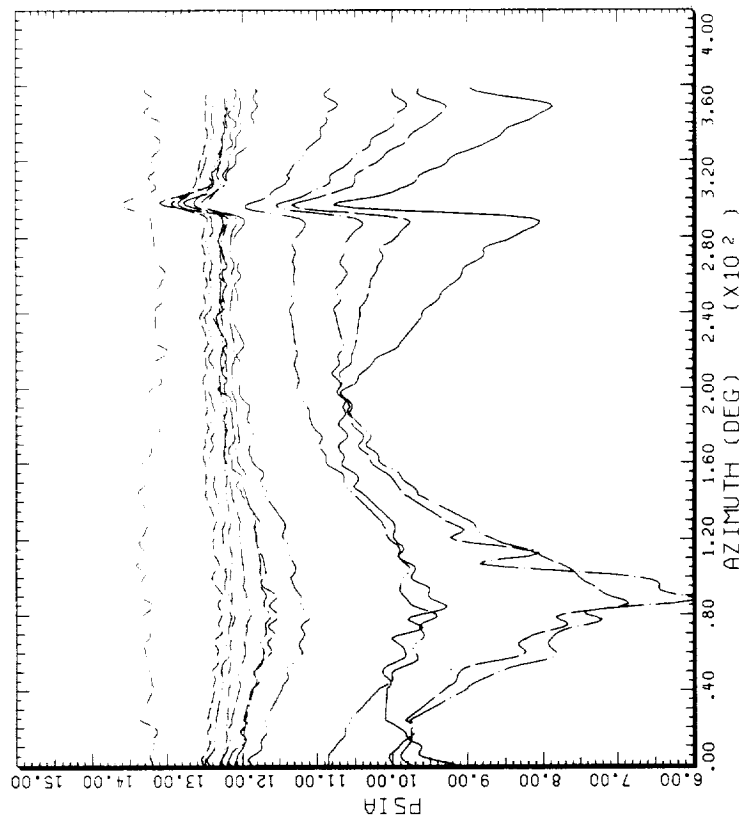


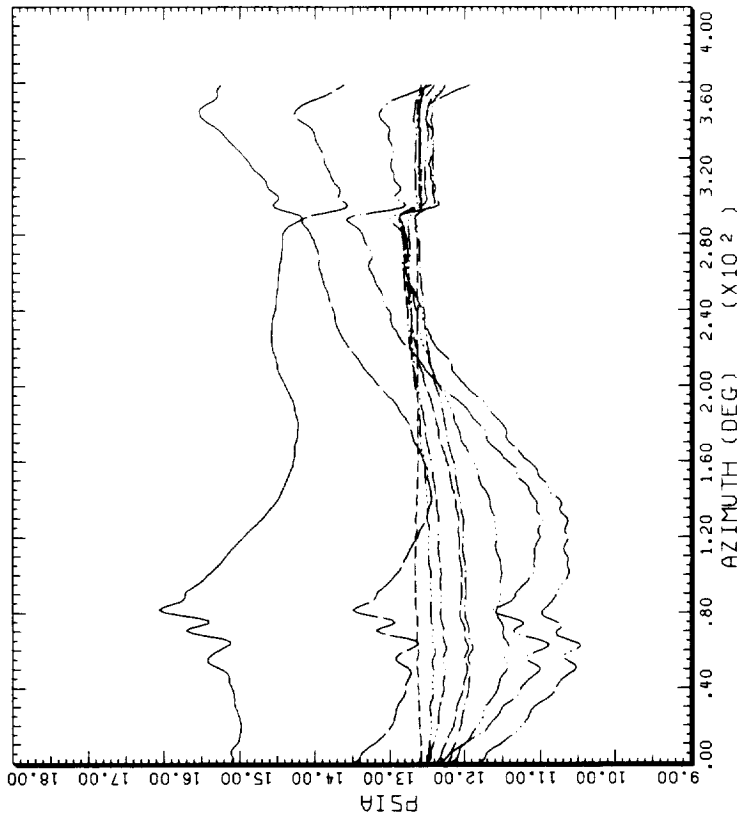
Figure 4-3c.

Figure 4-3. Continued.



RS OF 400 FPM, 98 KNOTS

CYCLE AVERAGE:				TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2830	GROSS WT	SHIP MODEL	COUNTER	2830	GROSS WT	SHIP MODEL
.86	R/RADIUS	LUNG CG	TOP SURFACE	.86	R/RADIUS	LUNG CG	TOP SURFACE
	.03	X/CHORD	.50	X/CHORD	.01	X/CHORD	.55
	.08	X/CHORD	.55	X/CHORD	.03	X/CHORD	.70
	.15	X/CHORD	.60	X/CHORD	.08	X/CHORD	.92
	.25	X/CHORD	.70	X/CHORD	.15	X/CHORD	
	.35	X/CHORD	.92	X/CHORD	.35	X/CHORD	
	.40	X/CHORD		X/CHORD	.45	X/CHORD	
	.45	X/CHORD		X/CHORD	.50	X/CHORD	



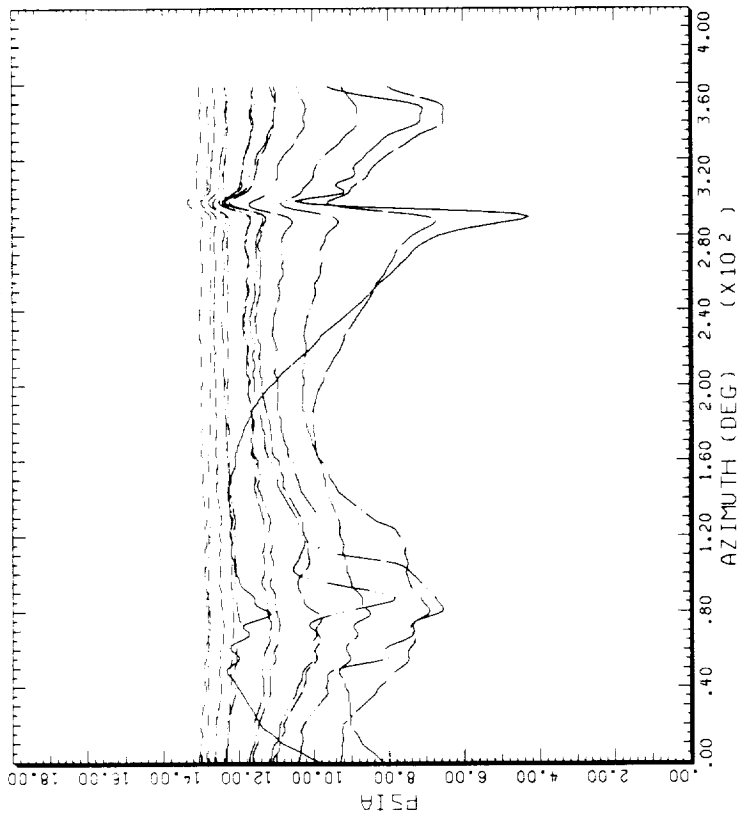
RS OF 400 FPM, 98 KNOTS

CYCLE AVERAGE:				TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2830	GROSS WT	SHIP MODEL	COUNTER	2830	GROSS WT	SHIP MODEL
.86	R/RADIUS	LUNG CG	BOTTOM SURFACE	.86	R/RADIUS	LUNG CG	BOTTOM SURFACE
	.03	X/CHORD	.55	X/CHORD	.01	X/CHORD	.55
	.08	X/CHORD	.70	X/CHORD	.03	X/CHORD	.70
	.15	X/CHORD	.92	X/CHORD	.08	X/CHORD	.92
	.25	X/CHORD		X/CHORD	.15	X/CHORD	
	.35	X/CHORD		X/CHORD	.35	X/CHORD	
	.40	X/CHORD		X/CHORD	.45	X/CHORD	
	.45	X/CHORD		X/CHORD	.50	X/CHORD	

Figure 4-3d.

Figure 4-3. Continued.

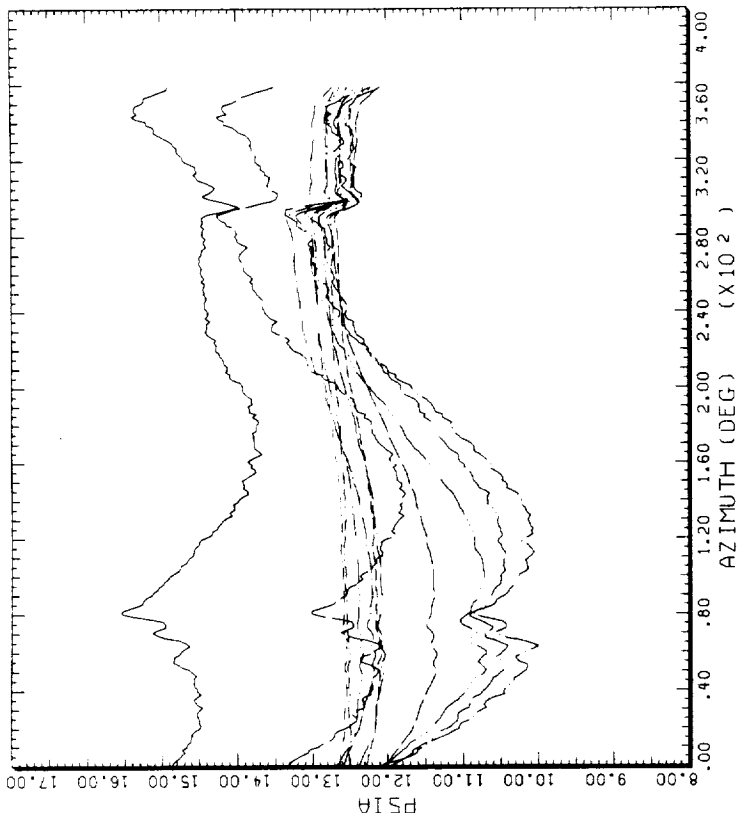




RS OF 400 FPM, 98 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2830	GROSS WT	SHIP MODEL	AH-1G
.91	R/RADIUS	LONG CG	TOP SURFACE	TOP SURFACE
	.01	X/CHORD	.40	X/CHORD
	.03	X/CHORD	.45	X/CHORD
	.08	X/CHORD	.50	X/CHORD
	.15	X/CHORD	.55	X/CHORD
	.20	X/CHORD	.60	X/CHORD
	.25	X/CHORD	.70	X/CHORD
	.35	X/CHORD		

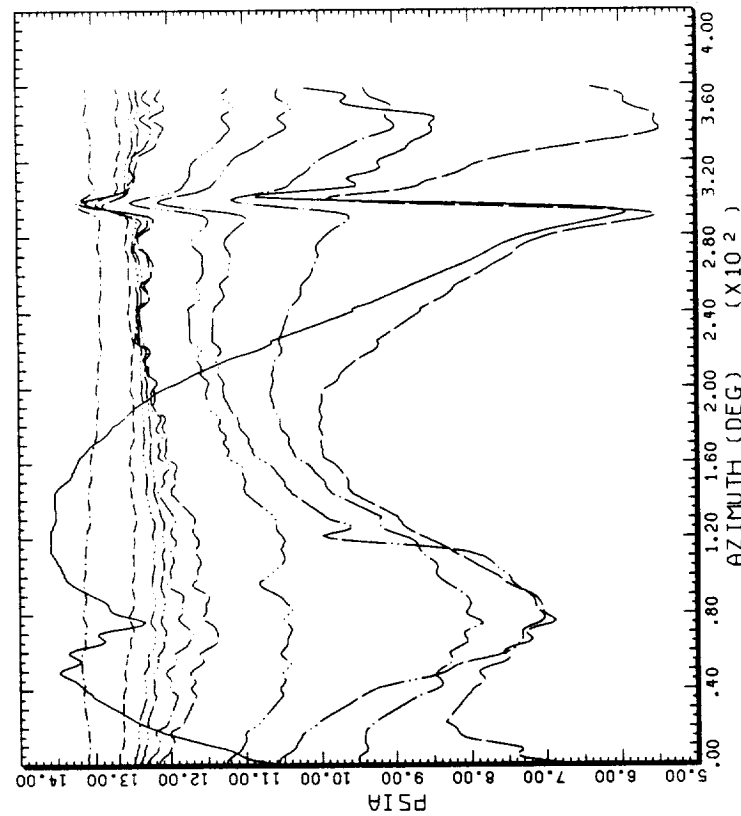


RS OF 400 FPM, 98 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

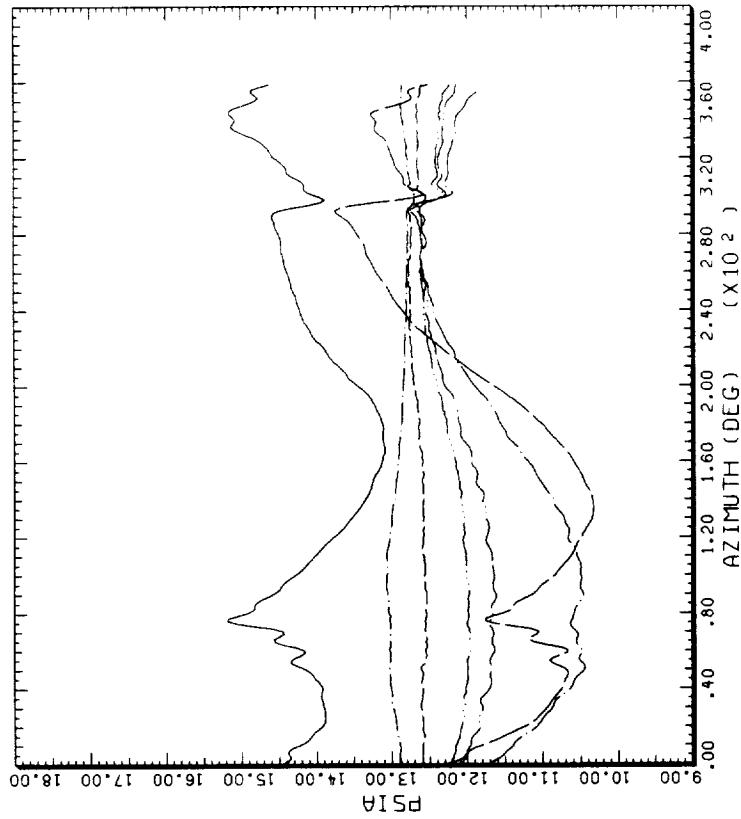
COUNTER	2830	GROSS WT	SHIP MODEL	AH-1G
.91	R/RADIUS	LONG CG	BOTTOM SURFACE	BOTTOM SURFACE
	.01	X/CHORD	.45	X/CHORD
	.03	X/CHORD	.50	X/CHORD
	.08	X/CHORD	.55	X/CHORD
	.15	X/CHORD	.60	X/CHORD
	.20	X/CHORD	.70	X/CHORD
	.35	X/CHORD		
	.40	X/CHORD		

Figure 4-3e.  
Figure 4-3. Continued.



RS DF 400 FPM, 98 KNOTS

CYCLE AVERAGE:				TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2830	GROSS WT	SHIP MODEL	SHIP MODEL	SHIP MODEL	SHIP MODEL	SHIP MODEL
.96	R/RADIUS	LONG CG	TOP SURFACE	TOP SURFACE	TOP SURFACE	TOP SURFACE	TOP SURFACE
	.01	X/CHORD	.50	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.03	X/CHORD	.55	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.08	X/CHORD	.70	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.15	X/CHORD	.92	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.25	X/CHORD		X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.35	X/CHORD		X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.40	X/CHORD		X/CHORD	X/CHORD	X/CHORD	X/CHORD

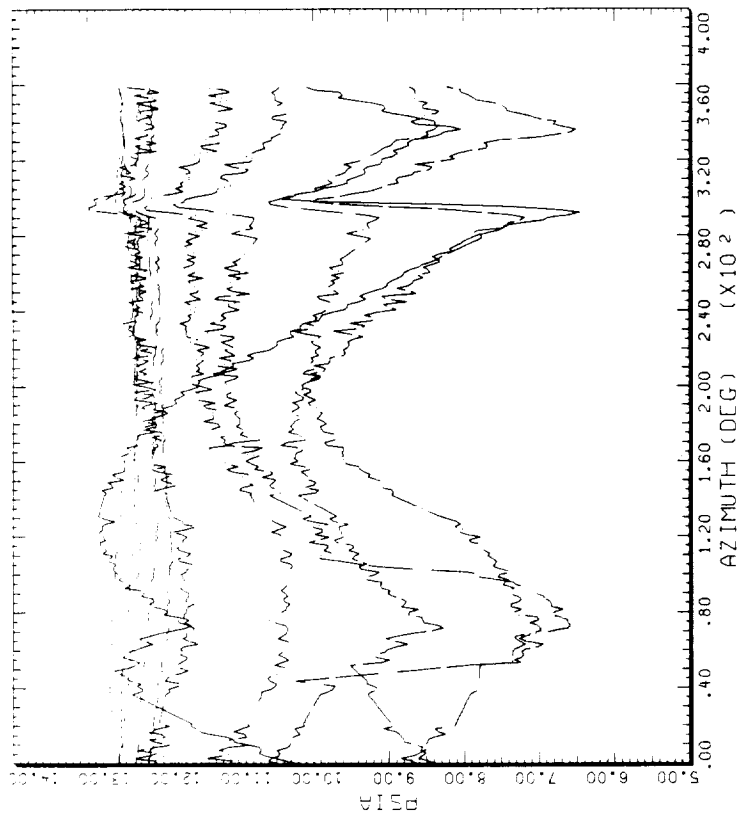


RS DF 400 FPM, 98 KNOTS

CYCLE AVERAGE:				TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2830	GROSS WT	SHIP MODEL	SHIP MODEL	SHIP MODEL	SHIP MODEL	SHIP MODEL
.96	R/RADIUS	LONG CG	TOP SURFACE	TOP SURFACE	TOP SURFACE	TOP SURFACE	TOP SURFACE
	.01	X/CHORD	.50	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.03	X/CHORD	.55	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.25	X/CHORD	.70	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.40	X/CHORD	.92	X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.50	X/CHORD		X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.70	X/CHORD		X/CHORD	X/CHORD	X/CHORD	X/CHORD
	.92	X/CHORD		X/CHORD	X/CHORD	X/CHORD	X/CHORD

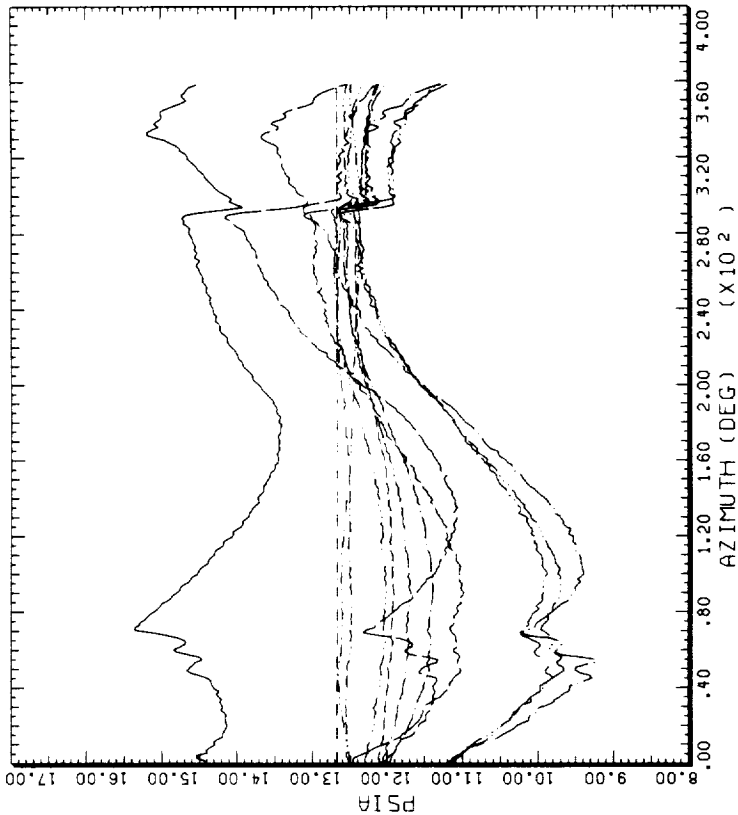
Figure 4-3f.

Figure 4-3. Continued.



RS OF 400 FPM, 98 KNOTS  
TAAT DATA, ALL SENSORS EXCEPT BAD DNE'S, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	R/RADIUS	LONG	CG	TOP SURFACE	AH-1G
.97					
	.01	X/CHORD		.55	X/CHORD
	.03	X/CHORD		.60	X/CHORD
	.08	X/CHORD		.70	X/CHORD
	.15	X/CHORD		.92	X/CHORD
	.25	X/CHORD			
	.35	X/CHORD			
	.50	X/CHORD			

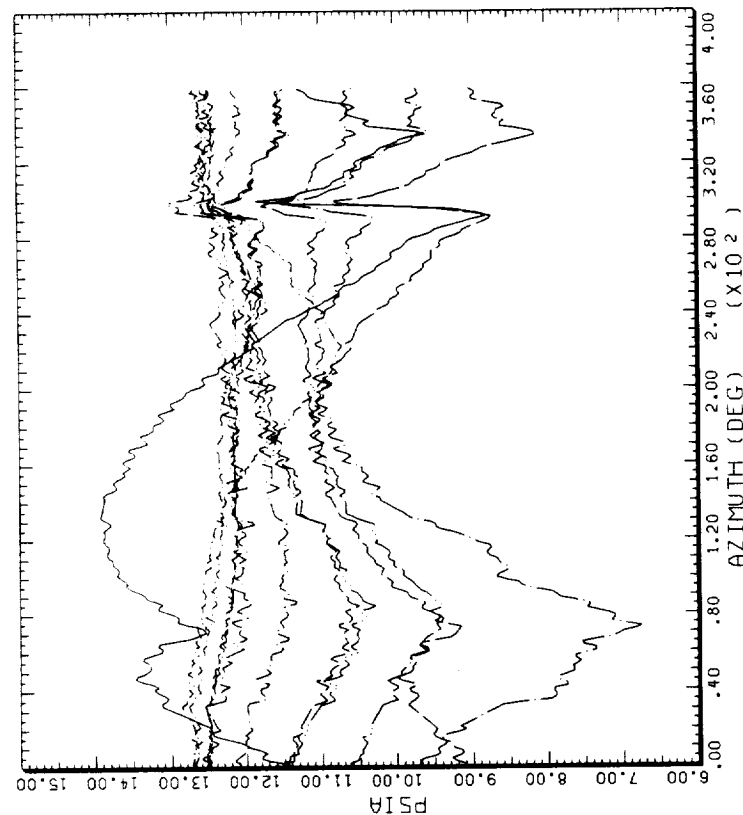


RS OF 400 FPM, 98 KNOTS  
TAAT DATA, ALL SENSORS EXCEPT BAD DNE'S, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	R/RADIUS	LONG	CG	BOTTOM SURFACE	AH-1G
.97					
	.01	X/CHORD		.40	X/CHORD
	.03	X/CHORD		.45	X/CHORD
	.08	X/CHORD		.50	X/CHORD
	.15	X/CHORD		.60	X/CHORD
	.20	X/CHORD		.70	X/CHORD
	.25	X/CHORD		.92	X/CHORD
	.35	X/CHORD			

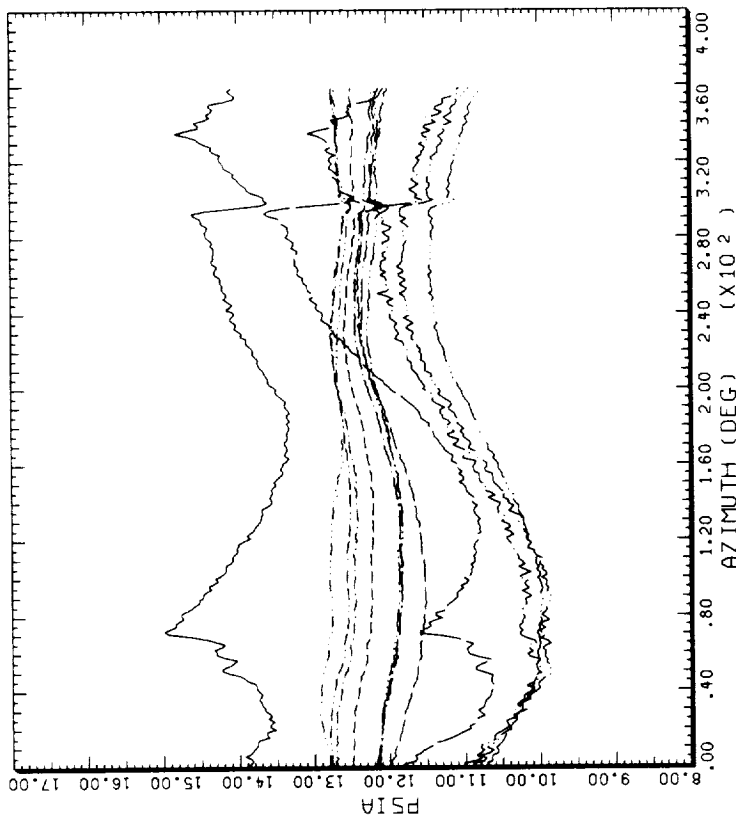
Figure 4-3g.

Figure 4-3. Continued.



CYCLE AVERAGE:

COUNTER	2830	GROSS WT	SHIP MODEL	AH-1G
.99	R/RADIUS	LONG CG	TOP SURFACE	
	.01	X/CHORD	.40	X/CHORD
	.03	X/CHORD	.50	X/CHORD
	.08	X/CHORD	.60	X/CHORD
	.15	X/CHORD	.70	X/CHORD
	.20	X/CHORD	.92	X/CHORD
	.25	X/CHORD		
	.35	X/CHORD		



CYCLE AVERAGE:

COUNTER	2830	GROSS WT	SHIP MODEL	AH-1G
.99	R/RADIUS	LONG CG	BOTTOM SURFACE	
	.01	X/CHORD	.45	X/CHORD
	.03	X/CHORD	.50	X/CHORD
	.15	X/CHORD	.55	X/CHORD
	.20	X/CHORD	.60	X/CHORD
	.25	X/CHORD	.70	X/CHORD
	.35	X/CHORD	.92	X/CHORD
	.40	X/CHORD		

Figure 4-3h.

Figure 4-3. Concluded.

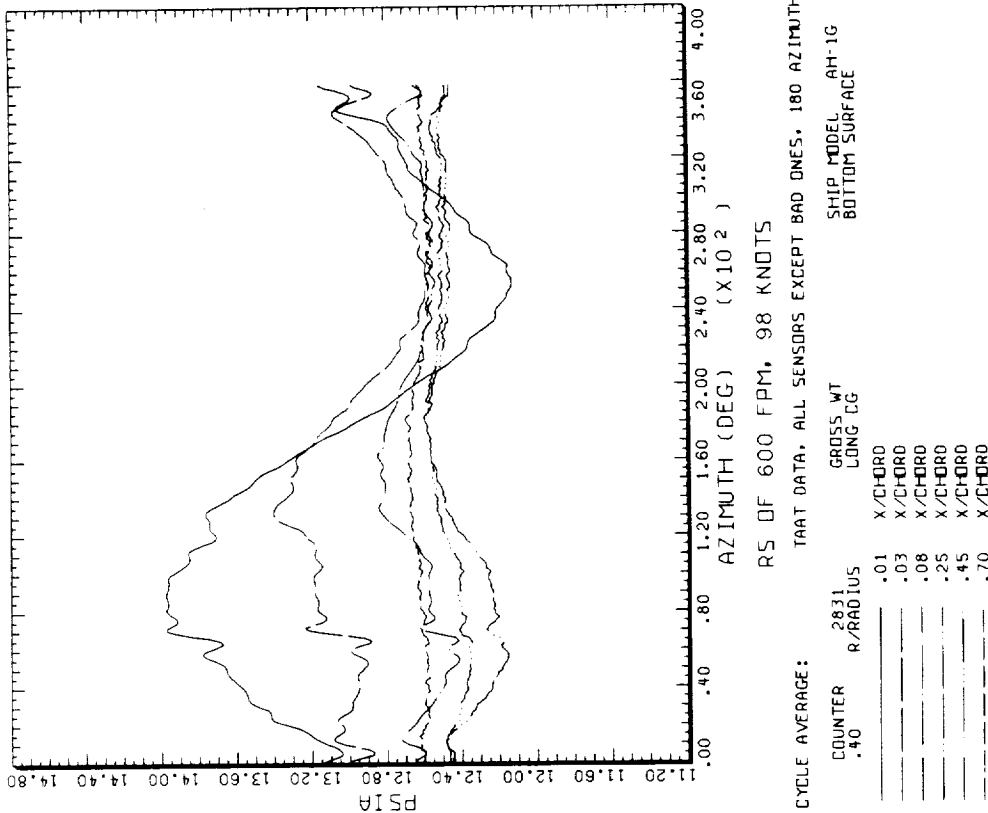
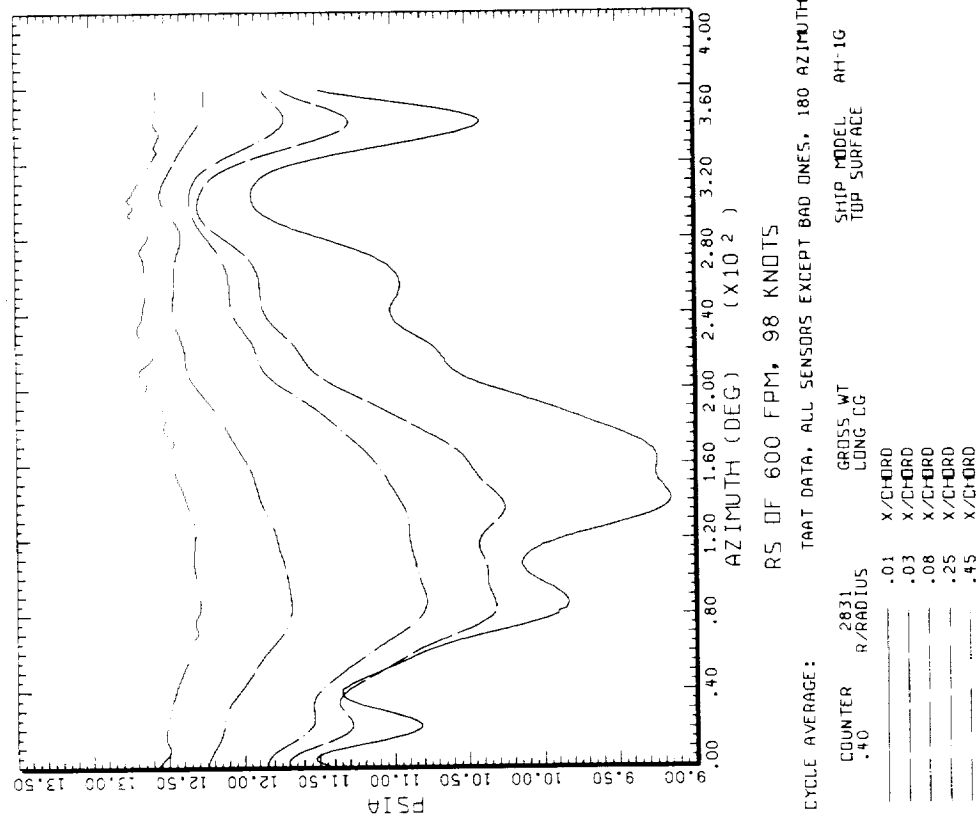
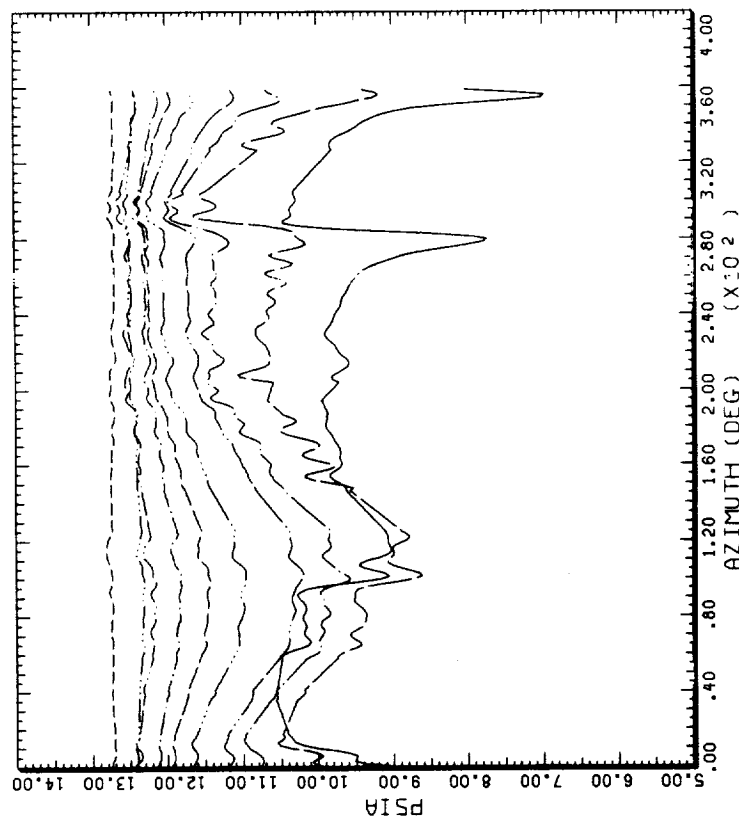


Figure 4-4a.

Figure 4-4. Pressure distribution at 98 KTAS 600 FPM R/S.

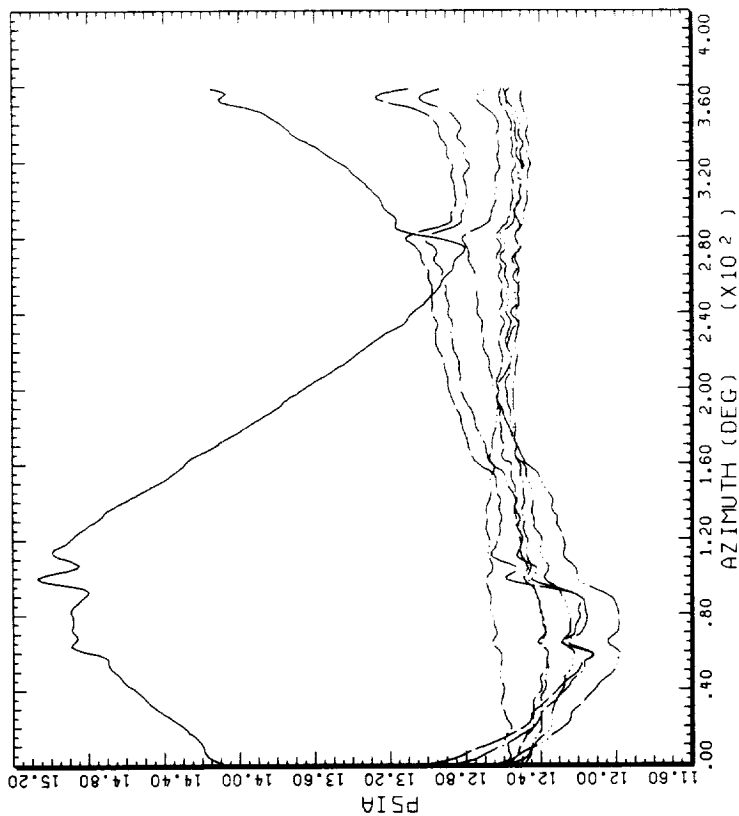


R5 OF 600 FPM, 98 KNOTS

CYCLE AVERAGE:

COUNTER	2831 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G
.60	.01	X/CHORD	.55	X/CHORD
	.03	X/CHORD	.70	X/CHORD
	.08	X/CHORD	.92	X/CHORD
	.15	X/CHORD		
	.25	X/CHORD		
	.35	X/CHORD		
	.45	X/CHORD		

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH



R5 OF 600 FPM, 98 KNOTS

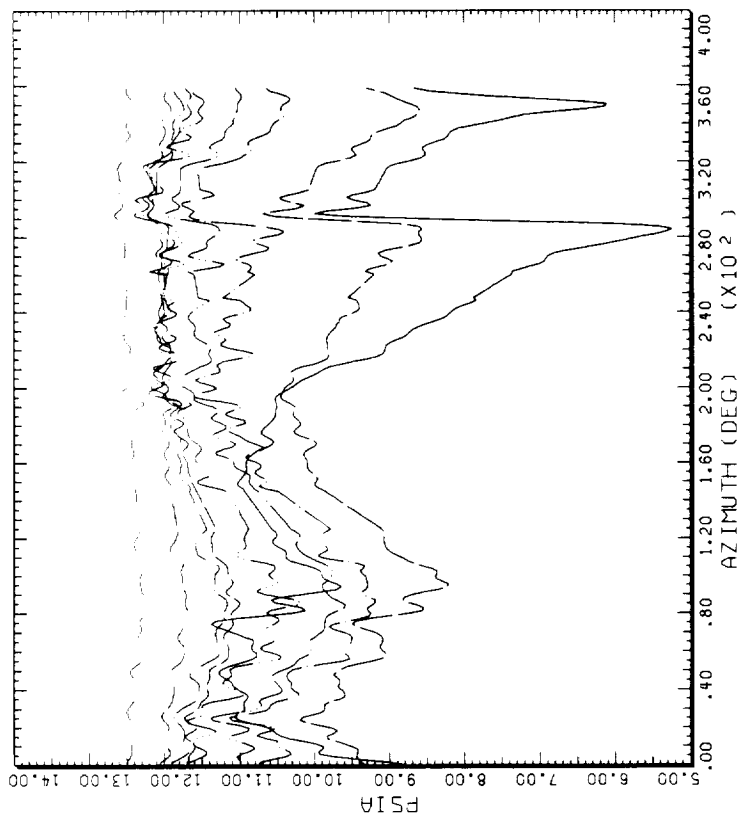
CYCLE AVERAGE:

COUNTER	2831 R/RADIUS	GROSS WT LONG CG	SHIP MODEL BOTTOM SURFACE	AH-1G
.60	.01	X/CHORD	.92	X/CHORD
	.08	X/CHORD		
	.15	X/CHORD		
	.25	X/CHORD		
	.45	X/CHORD		
	.55	X/CHORD		
	.70	X/CHORD		

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

Figure 4-4b.

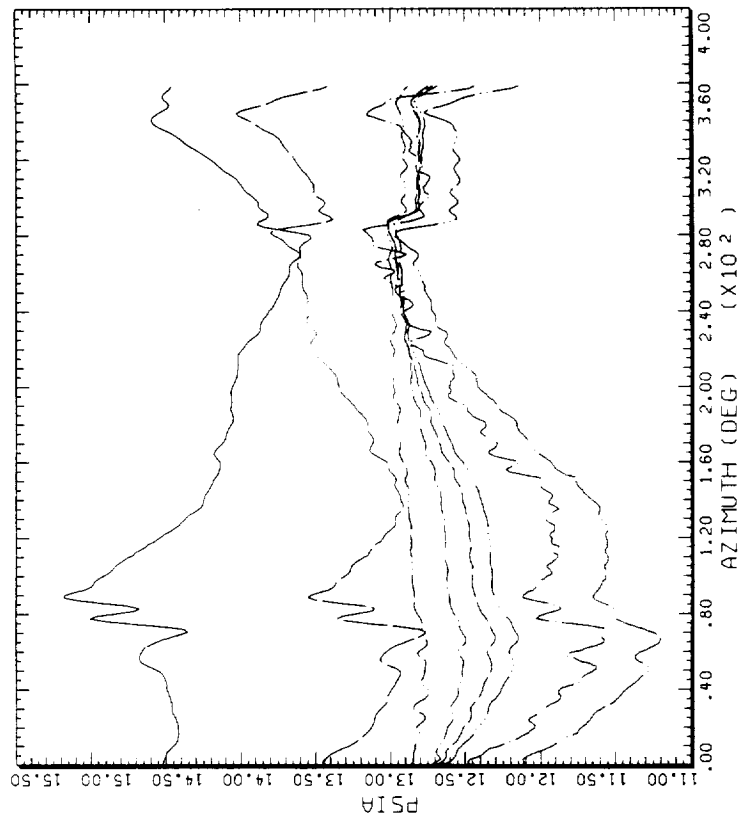
Figure 4-4. Continued.



R5 DF 600 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2831	LONG CG	TOP SURFACE	AM-1G	
.75	R/RADIUS				
		.01	X/CHORD	.55	X/CHORD
		.03	X/CHORD	.70	X/CHORD
		.08	X/CHORD		
		.15	X/CHORD		
		.25	X/CHORD		
		.35	X/CHORD		
		.40	X/CHORD		



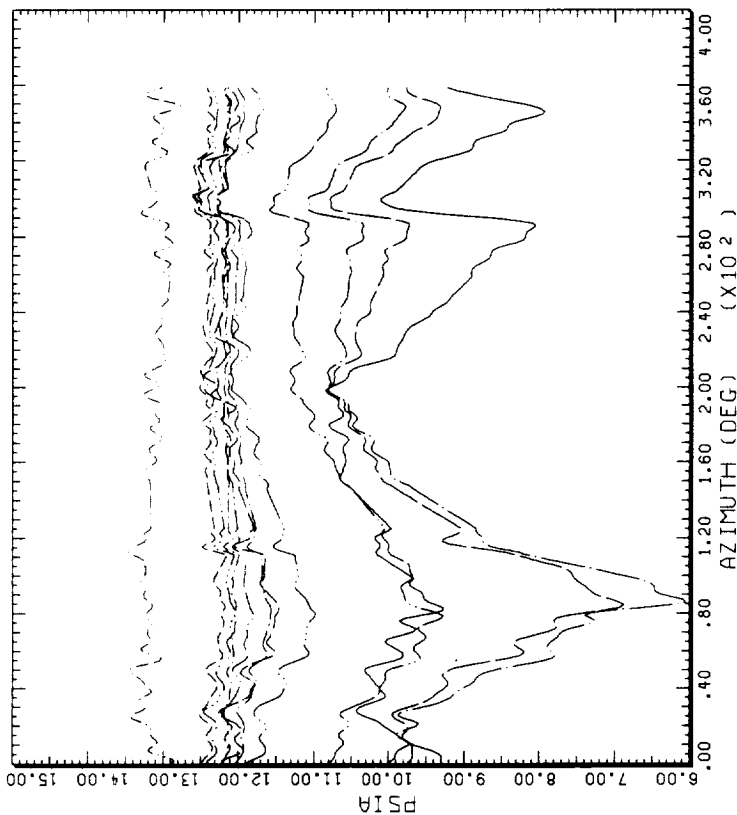
R5 DF 600 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2831	LONG CG	BOTTOM SURFACE	AM-1G	
.75	R/RADIUS				
		.01	X/CHORD	.70	X/CHORD
		.03	X/CHORD		
		.08	X/CHORD		
		.15	X/CHORD		
		.40	X/CHORD		
		.45	X/CHORD		
		.55	X/CHORD		

Figure 4-4c.

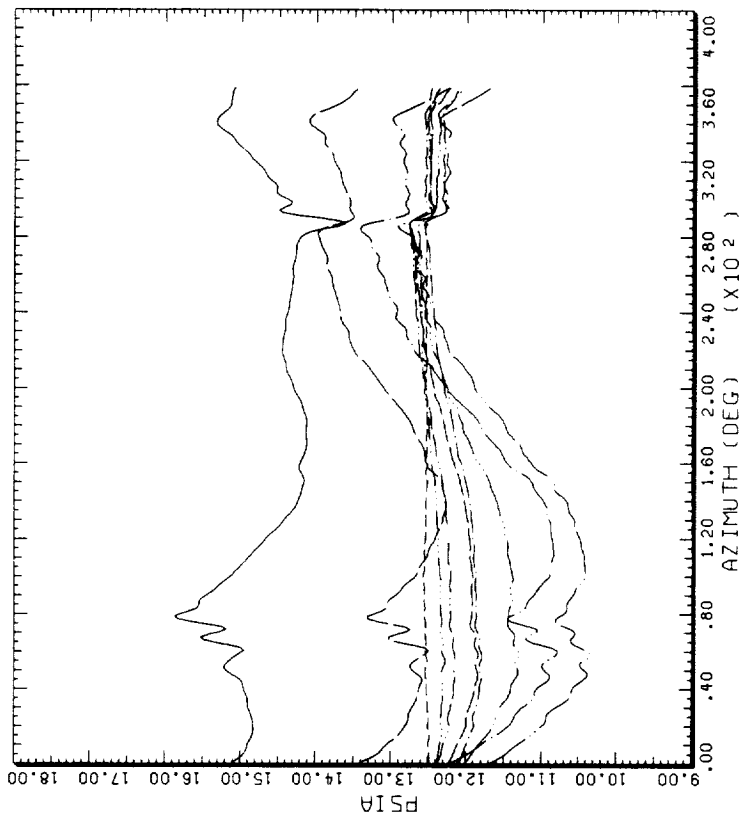
Figure 4-4. Continued.



RS DF 600 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2831	LONG CG	TOP SURFACE	AM-1G	
.86	R/RADIUS				
		.03	X/CHORD	.50	X/CHORD
		.08	X/CHORD	.55	X/CHORD
		.15	X/CHORD	.60	X/CHORD
		.25	X/CHORD	.70	X/CHORD
		.35	X/CHORD	.92	X/CHORD
		.40	X/CHORD		
		.45	X/CHORD		



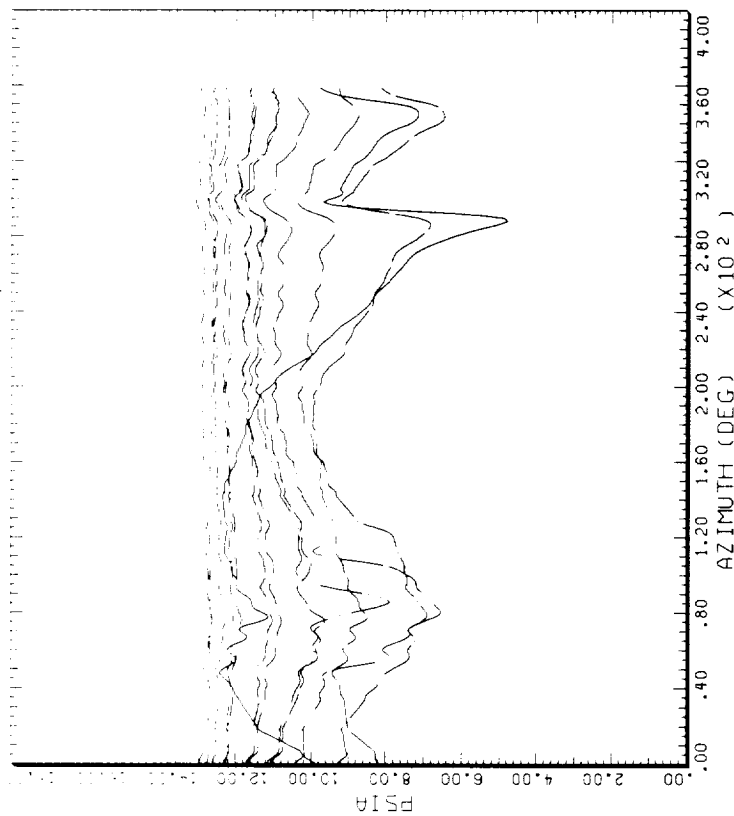
RS DF 600 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2831	LONG CG	BOTTOM SURFACE	AM-1G	
.86	R/RADIUS				
		.01	X/CHORD	.55	X/CHORD
		.03	X/CHORD	.70	X/CHORD
		.08	X/CHORD	.92	X/CHORD
		.15	X/CHORD		
		.35	X/CHORD		
		.45	X/CHORD		
		.50	X/CHORD		

Figure 4-4d.  
Figure 4-4. Continued.

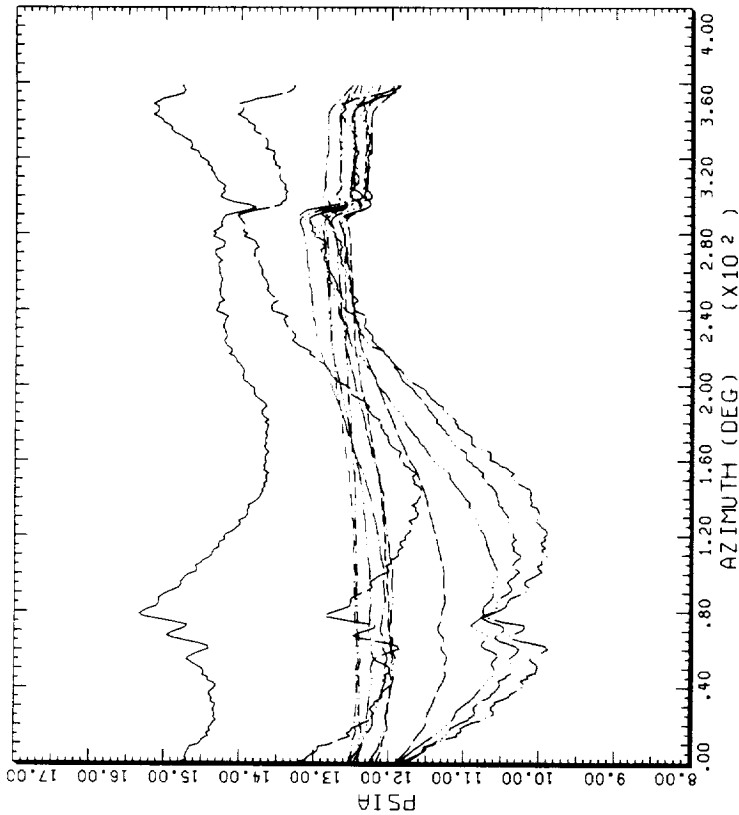




R5 OF 600 FPM, 98 KNOTS

CYCLE AVERAGE:

COUNTER	2831	R/RADIUS	GROSS WT	SHIP MODEL	AH-1G
.91			LONG CG	TOP SURFACE	
	.01	X/C-HORO	.40	X/C-HORO	
	.03	X/C-HORO	.45	X/C-HORO	
	.08	X/C-HORO	.50	X/C-HORO	
	.15	X/C-HORO	.55	X/C-HORO	
	.20	X/C-HORO	.60	X/C-HORO	
	.25	X/C-HORO	.70	X/C-HORO	
	.35	X/C-HORO			



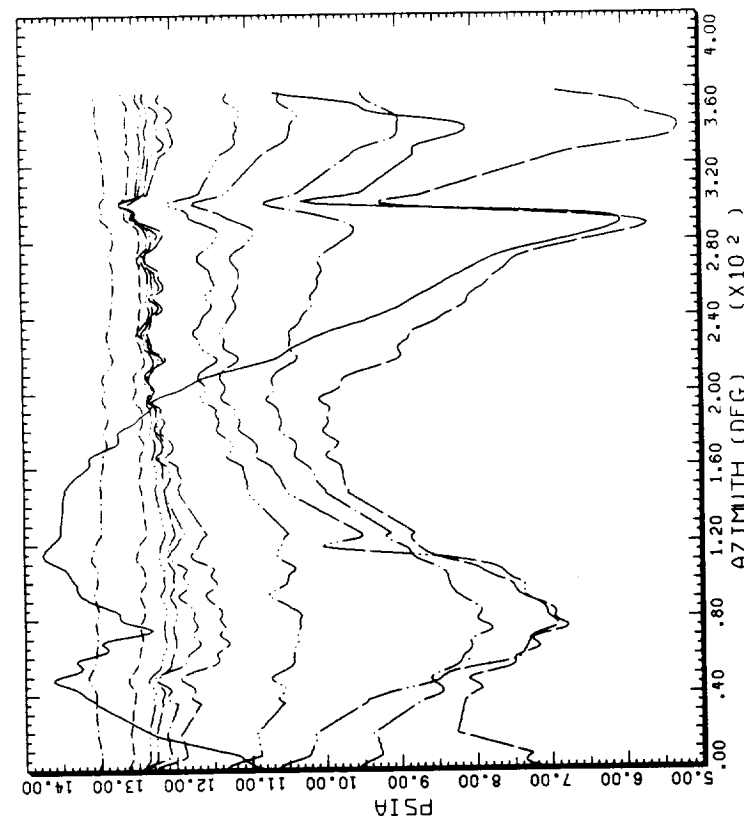
R5 OF 600 FPM, 98 KNOTS

CYCLE AVERAGE:

COUNTER	2831	R/RADIUS	GROSS WT	SHIP MODEL	AH-1G
.91			LONG CG	BOTTOM SURFACE	
	.01	X/C-HORO	.45	X/C-HORO	
	.03	X/C-HORO	.50	X/C-HORO	
	.08	X/C-HORO	.55	X/C-HORO	
	.15	X/C-HORO	.60	X/C-HORO	
	.20	X/C-HORO	.70	X/C-HORO	
	.35	X/C-HORO			
	.40	X/C-HORO			

Figure 4-4e.

Figure 4-4. Continued.

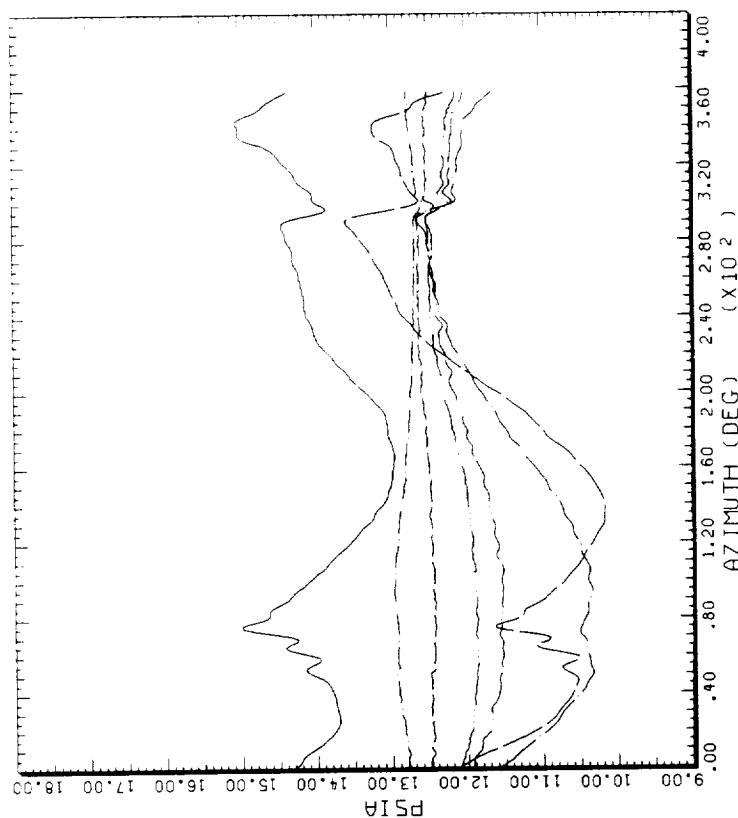


RS OF 600 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD DNEs, 180 AZIMUTH

CYCLE AVERAGE:

COUNTER	2831 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G
.96				
	.01	X/CHORD	.50	X/CHORD
	.03	X/CHORD	.55	X/CHORD
	.08	X/CHORD	.70	X/CHORD
	.15	X/CHORD	.92	X/CHORD
	.25	X/CHORD		
	.35	X/CHORD		
	.40	X/CHORD		



RS OF 600 FPM, 98 KNOTS

TAAT DATA, ALL SENSORS EXCEPT BAD DNEs, 180 AZIMUTH

CYCLE AVERAGE:

COUNTER	2831 R/RADIUS	GROSS WT LONG CG	SHIP MODEL BOTTOM SURFACE
.96			
	.01	X/CHORD	
	.03	X/CHORD	
	.25	X/CHORD	
	.40	X/CHORD	
	.50	X/CHORD	
	.70	X/CHORD	
	.92	X/CHORD	

Figure 4-4f.

Figure 4-4. Continued.

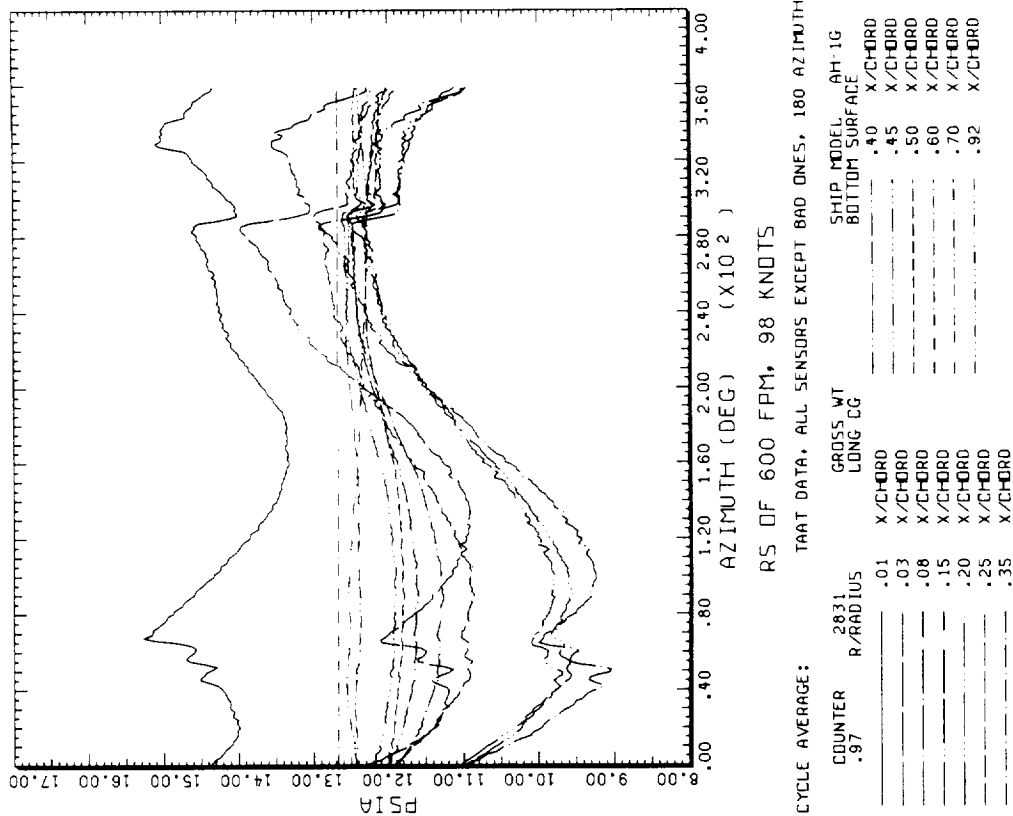
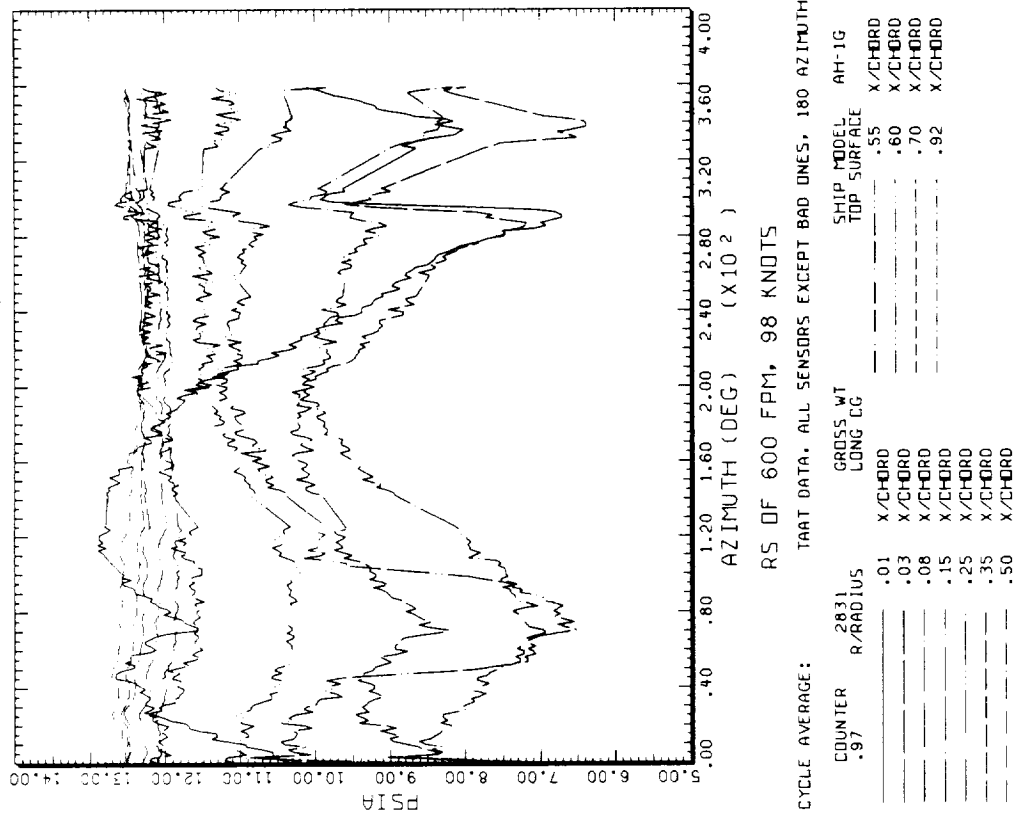
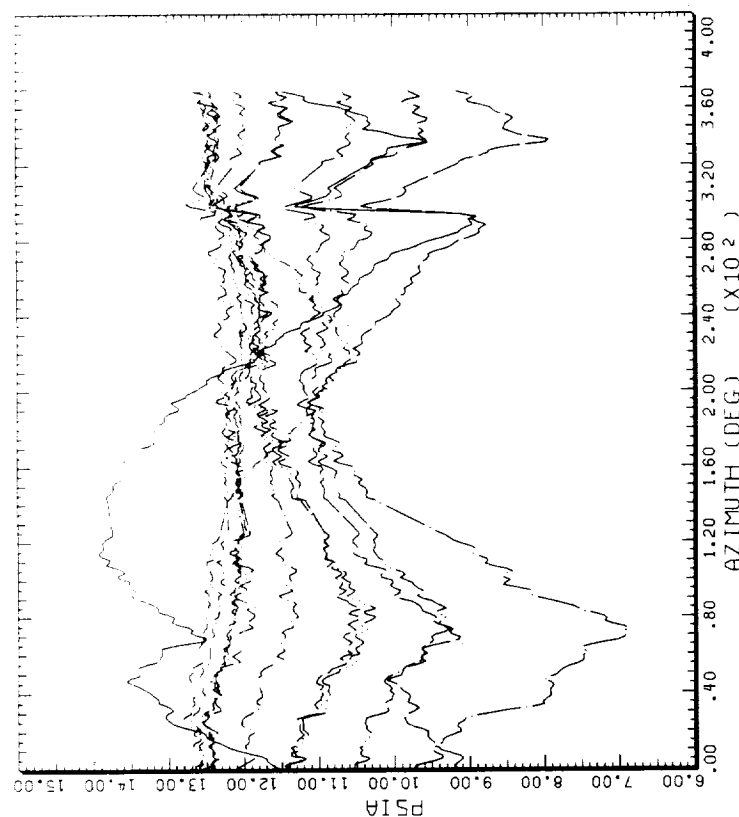


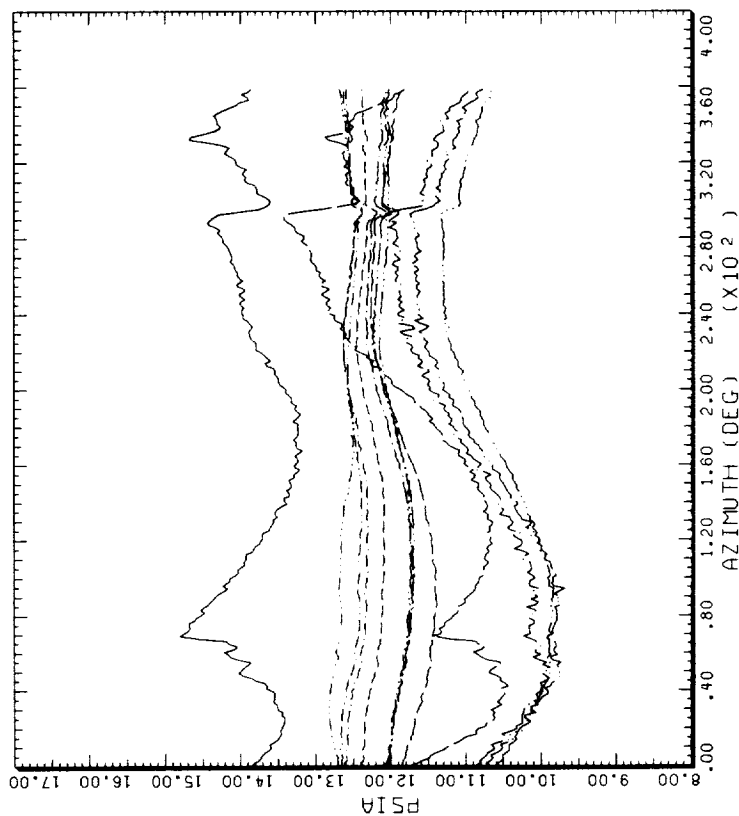
Figure 4-4g.

Figure 4-4. Continued.



RS OF 600 FPM, 98 KNOTS

CYCLE AVERAGE:		TAAT DATA, ALL SENSORS EXCEPT RAD ONES, 180 AZIMUTH	
COUNTER	2831	GROSS WT	SHIP MODEL
.99	R/RADIUS	LONG CG	TOP SURFACE
	.01	X/CHORD	.40
	.03	X/CHORD	.50
	.08	X/CHORD	.60
	.15	X/CHORD	.70
	.20	X/CHORD	.92
	.25	X/CHORD	
	.35	X/CHORD	



RS OF 600 FPM, 98 KNOTS

CYCLE AVERAGE:		TAAT DATA, ALL SENSORS EXCEPT RAD ONES, 180 AZIMUTH	
COUNTER	2831	GROSS WT	SHIP MODEL
.99	R/RADIUS	LONG CG	BOTTOM SURFACE
	.01	X/CHORD	.45
	.03	X/CHORD	.50
	.15	X/CHORD	.55
	.20	X/CHORD	.60
	.25	X/CHORD	.70
	.35	X/CHORD	.92
	.40	X/CHORD	

Figure 4-4h.

Figure 4-4. Concluded.

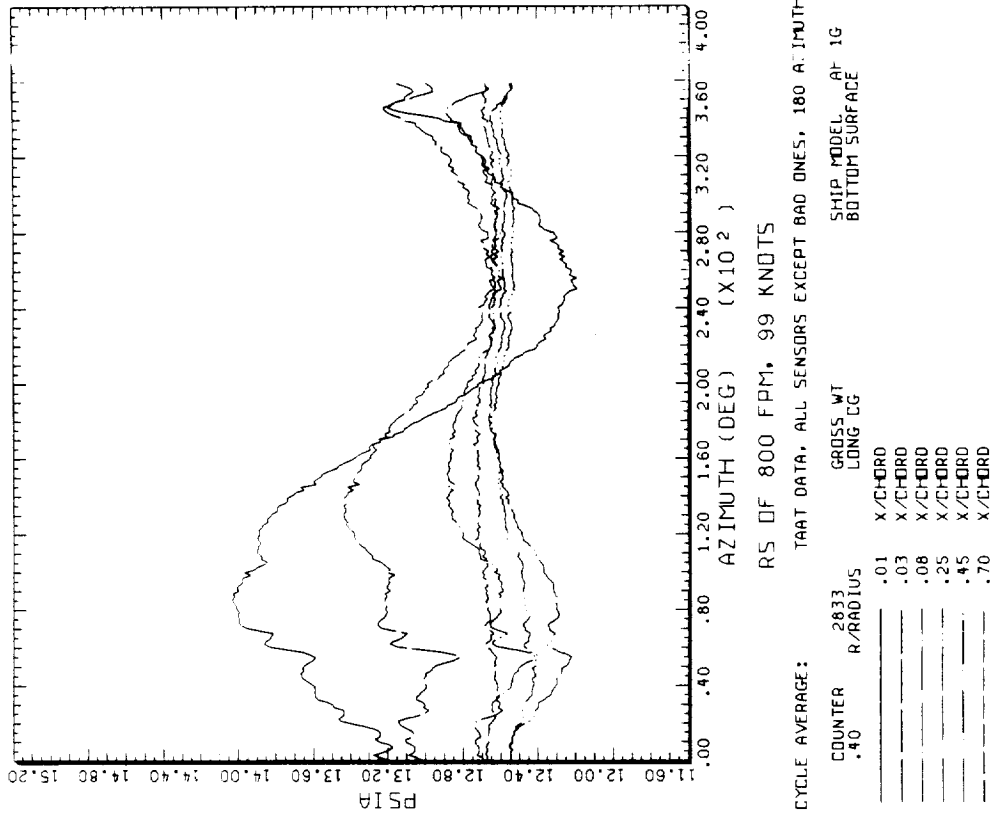
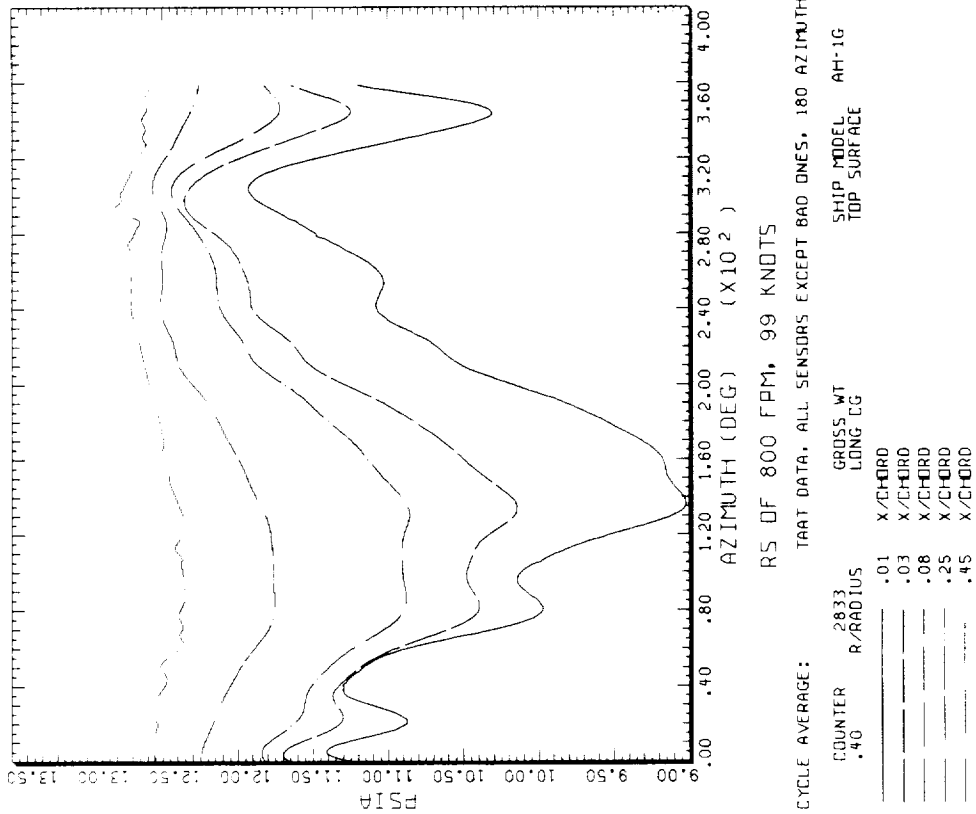
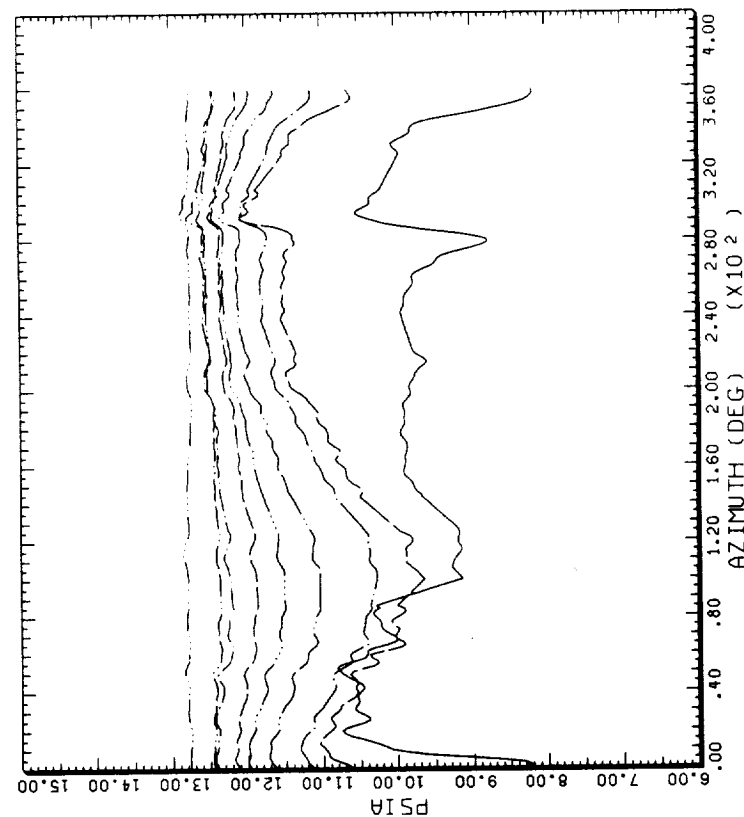


Figure 4-5a.

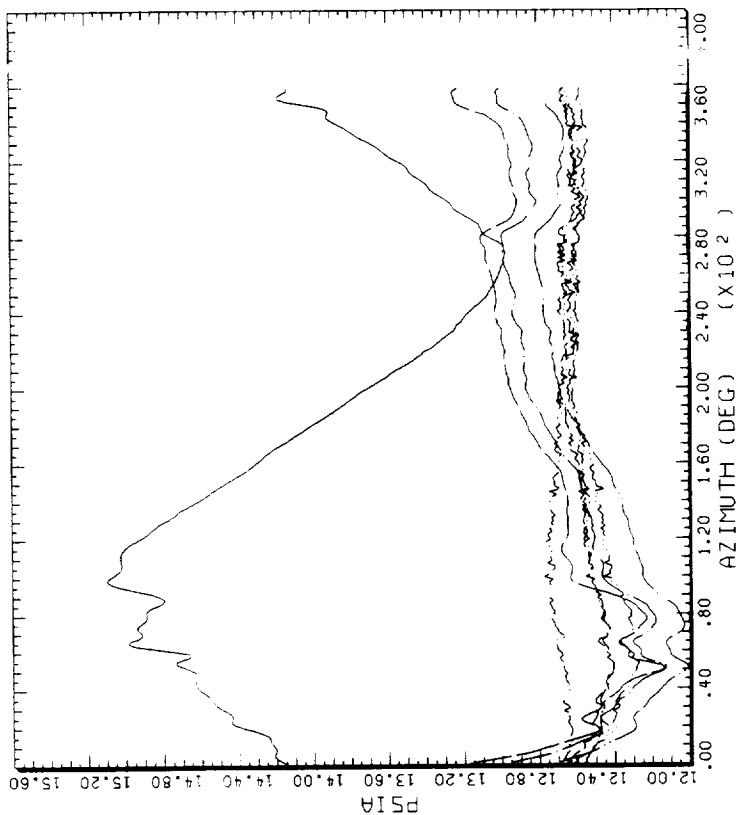
Figure 4-5. Pressure distribution at 99 KTAS 800 FPM R/S.



RS OF 800 FPM, 99 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2833 R/RADIUS	GROSS WT LONG CG	SHIP MODEL TOP SURFACE	AH-1G X/CHORD
.60	.01	X/CHORD	.70	X/CHORD
	.08	X/CHORD	.92	X/CHORD
	.15	X/CHORD		
	.25	X/CHORD		
	.35	X/CHORD		
	.45	X/CHORD		
	.55	X/CHORD		



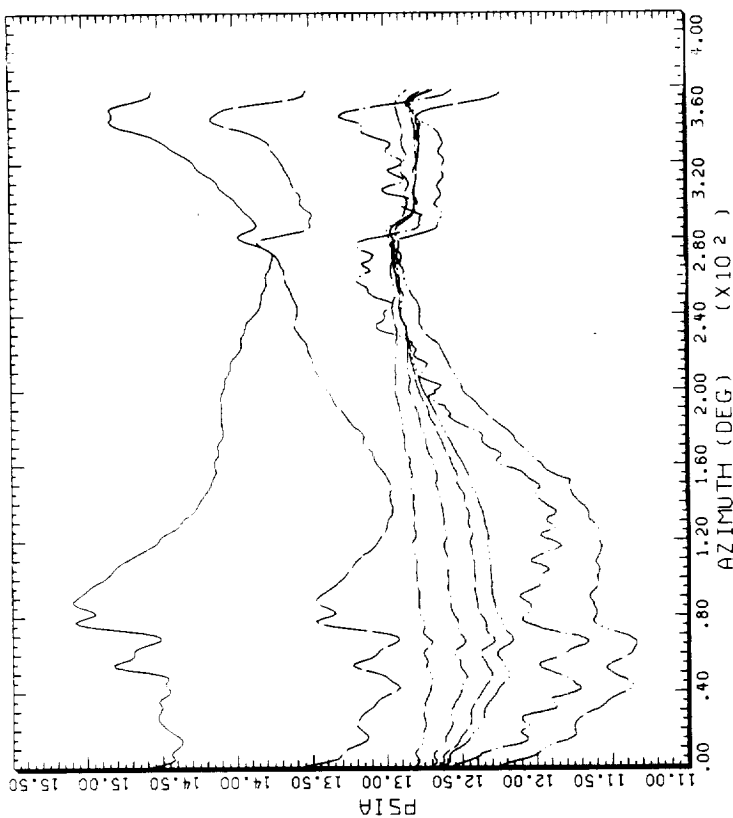
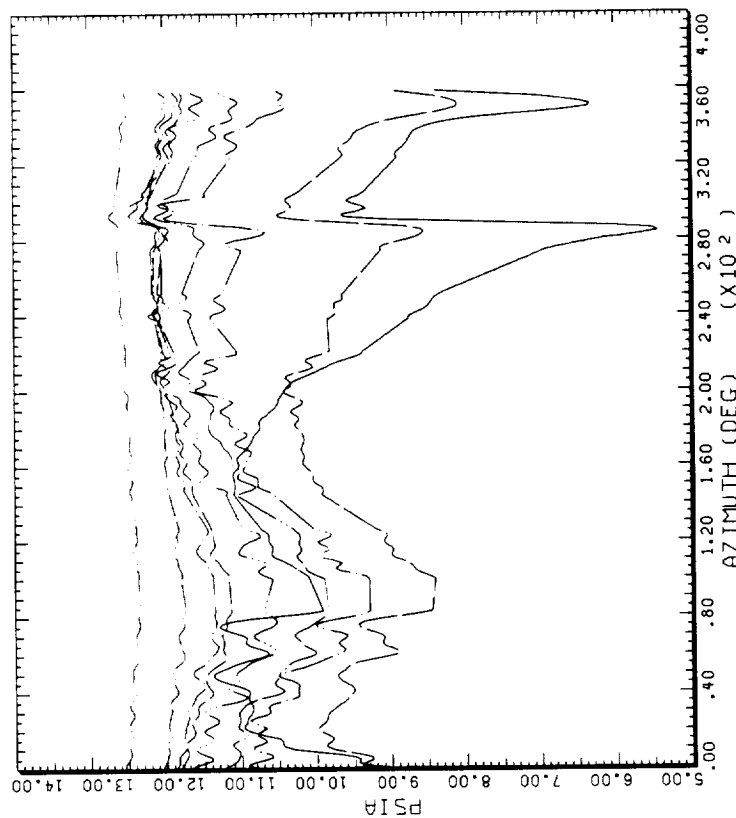
RS OF 800 FPM, 99 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2833 R/RADIUS	GROSS WT LONG CG	SHIP MODEL BOTTOM SURFACE	AH-1G X/CHORD
.60	.01	X/CHORD	.92	X/CHORD
	.08	X/CHORD		
	.15	X/CHORD		
	.25	X/CHORD		
	.45	X/CHORD		
	.55	X/CHORD		
	.70	X/CHORD		

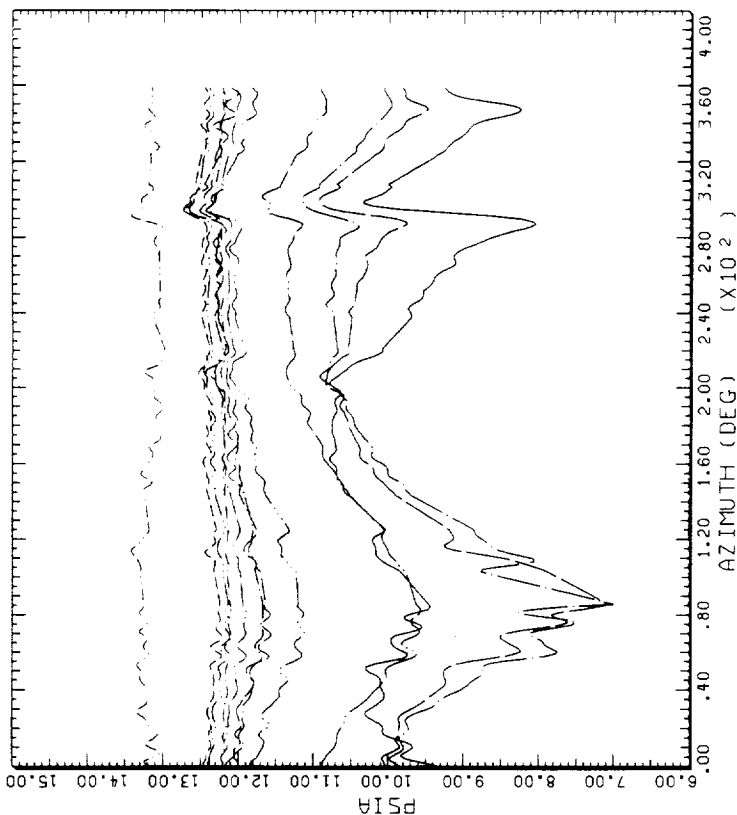
Figure 4-5b.

Figure 4-5. Continued.



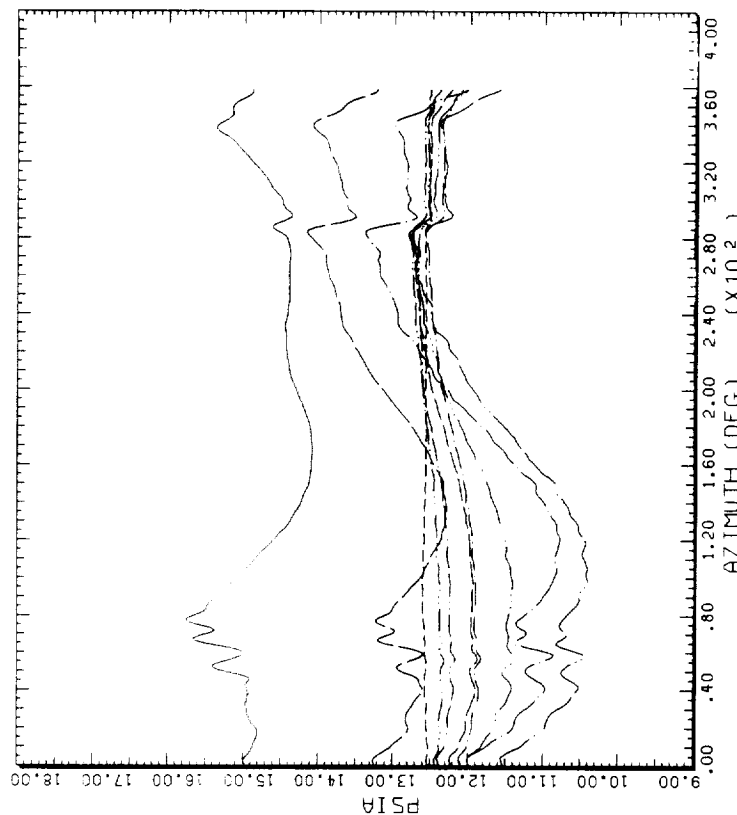
**Figure 4-5c.**

Figure 4-5. Continued.



RS OF 800 FPM, 99 KNOTS

CYCLE AVERAGE:		TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2833	GROSS WT	SHIP MODEL	AH-1G	
.86	R/RADIUS	LONG CG	TOP SURFACE		
		X/CHORD		X/CHORD	
		.03	.50	X/CHORD	
		.08	.55	X/CHORD	
		.15	.60	X/CHORD	
		.25	.70	X/CHORD	
		.35	.92	X/CHORD	
		.40		X/CHORD	
		.45		X/CHORD	



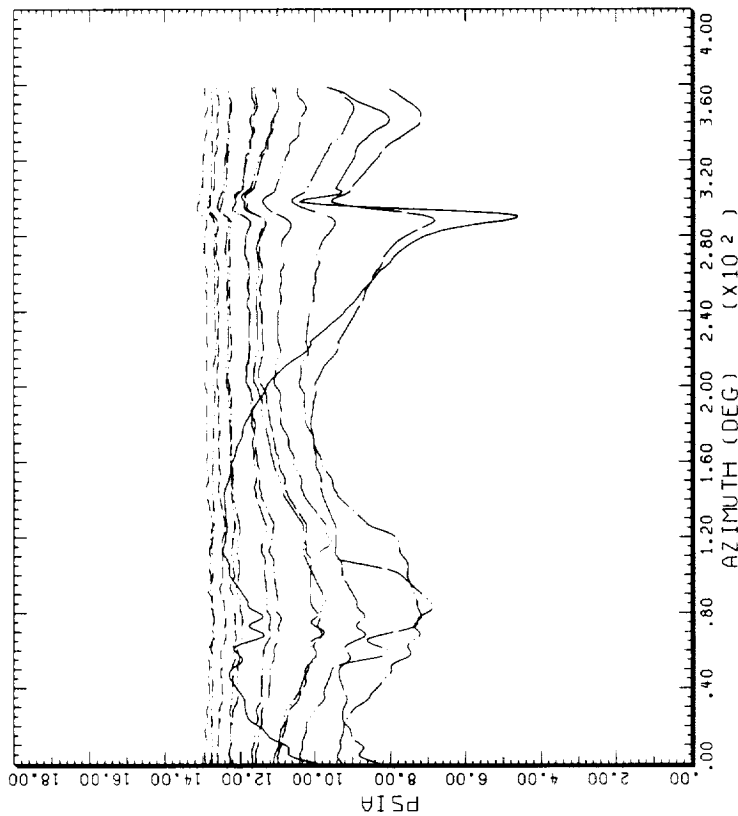
RS OF 800 FPM, 99 KNOTS

CYCLE AVERAGE:		TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH			
COUNTER	2833	GROSS WT	SHIP MODEL	AH-1G	
.86	R/RADIUS	LONG CG	BOTTOM SURFACE		
		X/CHORD		X/CHORD	
		.01	.55	X/CHORD	
		.03	.70	X/CHORD	
		.08	.92	X/CHORD	
		.15		X/CHORD	
		.35		X/CHORD	
		.45		X/CHORD	
		.50		X/CHORD	

Figure 4-5d.

Figure 4-5. Continued.

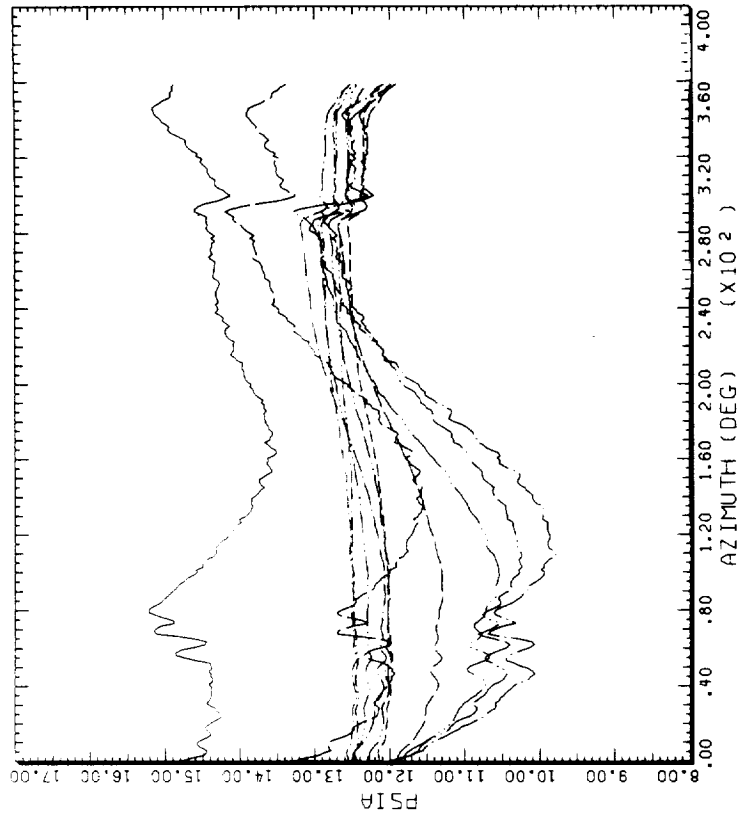




RS OF 800 FPM, 99 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2833	GROSS WT	SHIP MODEL	AH-1G
.91	R/RADIUS	LONG CG	TOP SURFACE	
		X/CHORD	.40	X/CHORD
		X/CHORD	.45	X/CHORD
		X/CHORD	.50	X/CHORD
		X/CHORD	.55	X/CHORD
		X/CHORD	.60	X/CHORD
		X/CHORD	.70	X/CHORD
		X/CHORD		X/CHORD
		X/CHORD		X/CHORD
		X/CHORD		X/CHORD



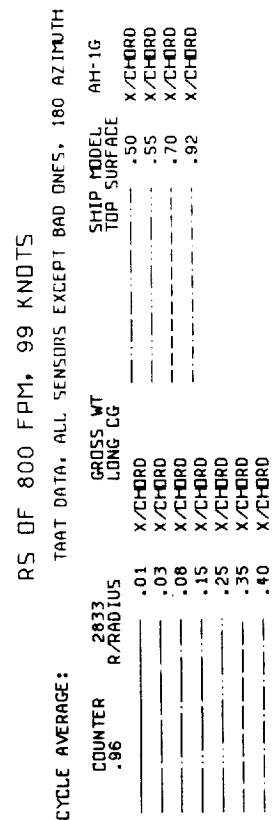
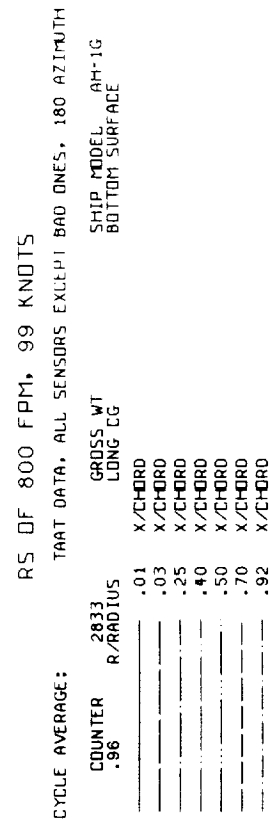
RS OF 800 FPM, 99 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2833	GROSS WT	SHIP MODEL	AH-1G
.91	R/RADIUS	LONG CG	BOTTOM SURFACE	
		X/CHORD	.45	X/CHORD
		X/CHORD	.50	X/CHORD
		X/CHORD	.55	X/CHORD
		X/CHORD	.60	X/CHORD
		X/CHORD	.70	X/CHORD
		X/CHORD		X/CHORD
		X/CHORD		X/CHORD
		X/CHORD		X/CHORD
		X/CHORD		X/CHORD

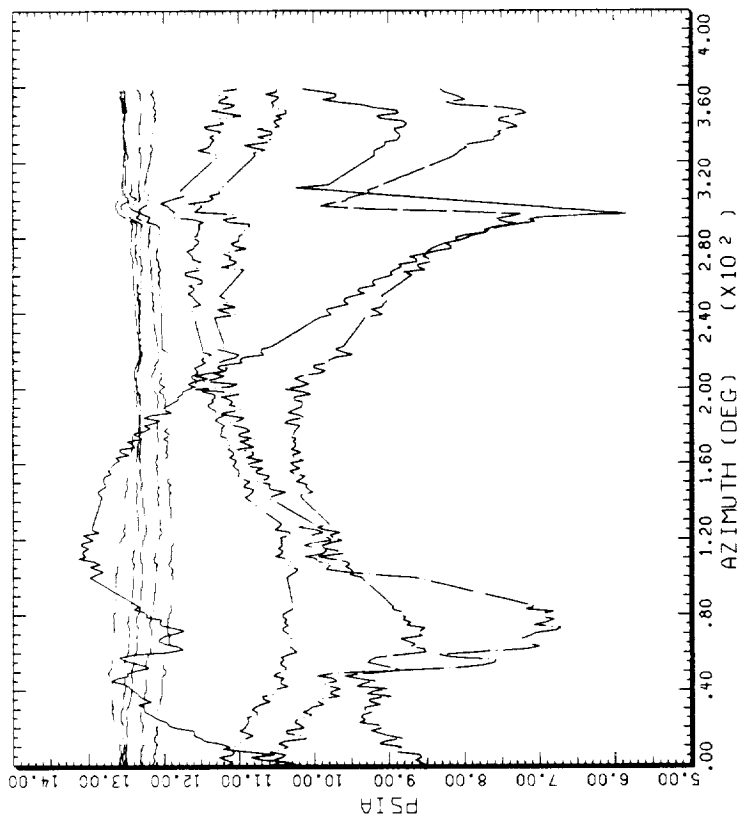
Figure 4-5e.

Figure 4-5. Continued.



**Figure 4-5f.**

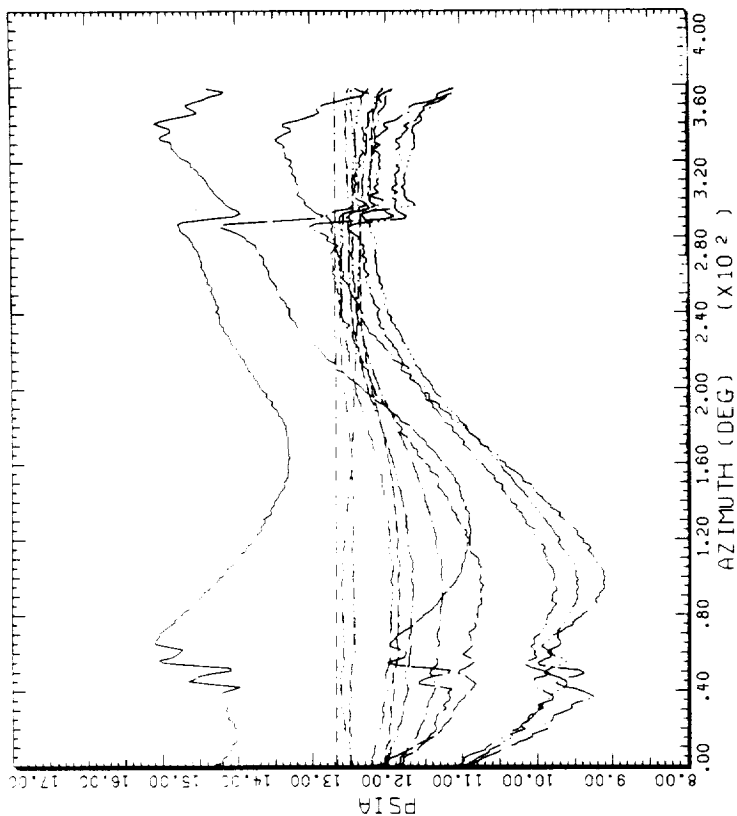
Figure 4-5. Continued.



RS DF 800 FPM, 99 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2833	GROSS WT	SHIP MODEL	AH-1G
.97	R/RADIUS	LONG CG	TOP SURFACE	
	.01	X/CHORD	.70	X/CHORD
	.03	X/CHORD	.92	X/CHORD
	.15	X/CHORD		
	.25	X/CHORD		
	.50	X/CHORD		
	.55	X/CHORD		
	.60	X/CHORD		



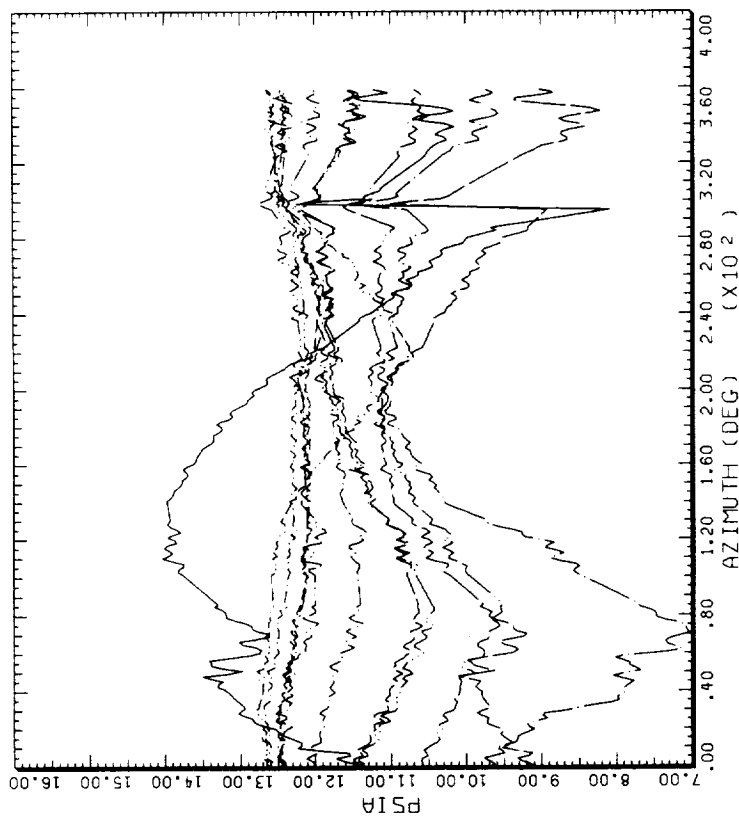
RS DF 800 FPM, 99 KNOTS

CYCLE AVERAGE: TAAT DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

COUNTER	2833	GROSS WT	SHIP MODEL	AH-1G
.97	R/RADIUS	LONG CG	BOTTOM SURFACE	
	.01	X/CHORD	.40	X/CHORD
	.03	X/CHORD	.45	X/CHORD
	.08	X/CHORD	.50	X/CHORD
	.15	X/CHORD	.60	X/CHORD
	.20	X/CHORD	.70	X/CHORD
	.25	X/CHORD	.92	X/CHORD
	.35	X/CHORD		

Figure 4-5g.

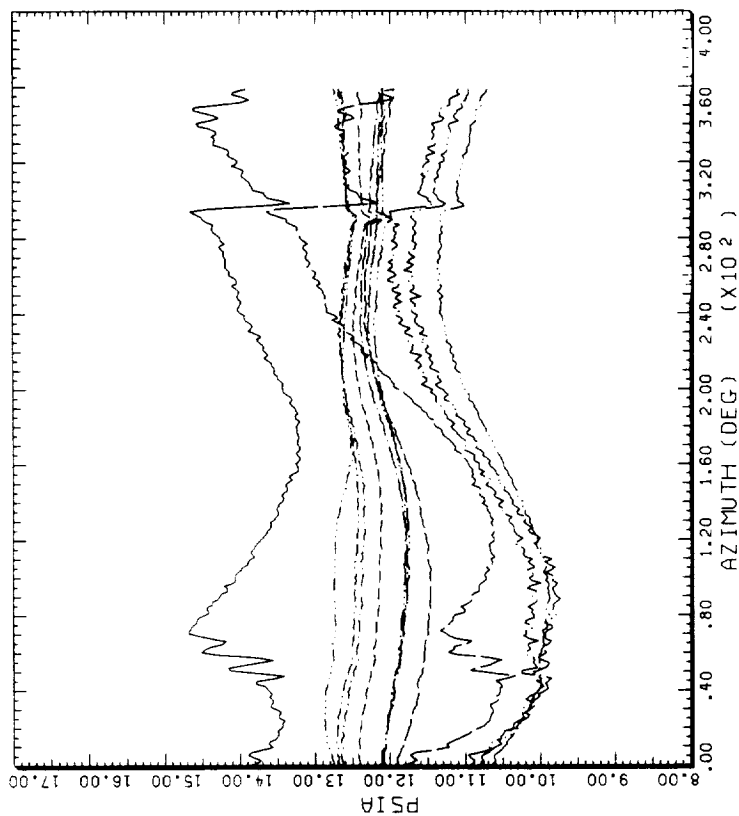
Figure 4-5. Continued.



RS DF 800 FPM, 99 KNOTS

TART DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2833	LONG CG	TOP SURFACE	AM-1G	
.99	R/RADIUS				
	.01	X/CHORD	.40	X/CHORD	
	.03	X/CHORD	.50	X/CHORD	
	.08	X/CHORD	.60	X/CHORD	
	.15	X/CHORD	.70	X/CHORD	
	.20	X/CHORD	.82	X/CHORD	
	.25	X/CHORD		X/CHORD	
	.35	X/CHORD		X/CHORD	



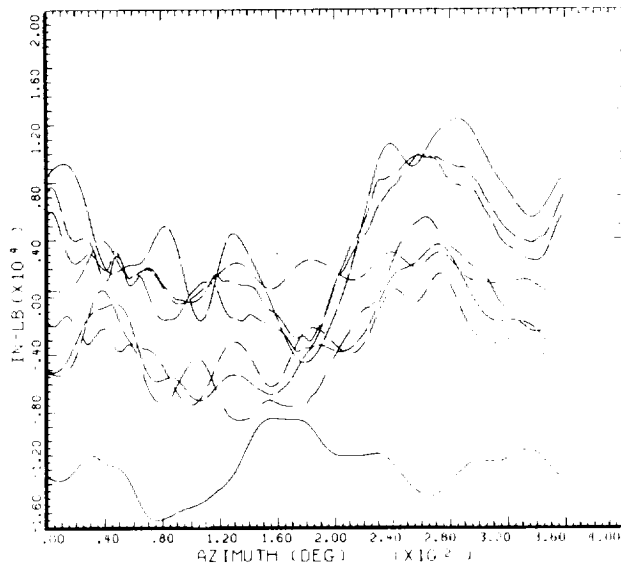
RS DF 800 FPM, 99 KNOTS

TART DATA, ALL SENSORS EXCEPT BAD ONES, 180 AZIMUTH

CYCLE AVERAGE:		GROSS WT		SHIP MODEL	
COUNTER	2833	LONG CG	BOTTOM SURFACE	AM-1G	
.99	R/RADIUS				
	.01	X/CHORD	.45	X/CHORD	
	.03	X/CHORD	.50	X/CHORD	
	.15	X/CHORD	.55	X/CHORD	
	.20	X/CHORD	.60	X/CHORD	
	.25	X/CHORD	.70	X/CHORD	
	.35	X/CHORD	.92	X/CHORD	
	.40	X/CHORD		X/CHORD	

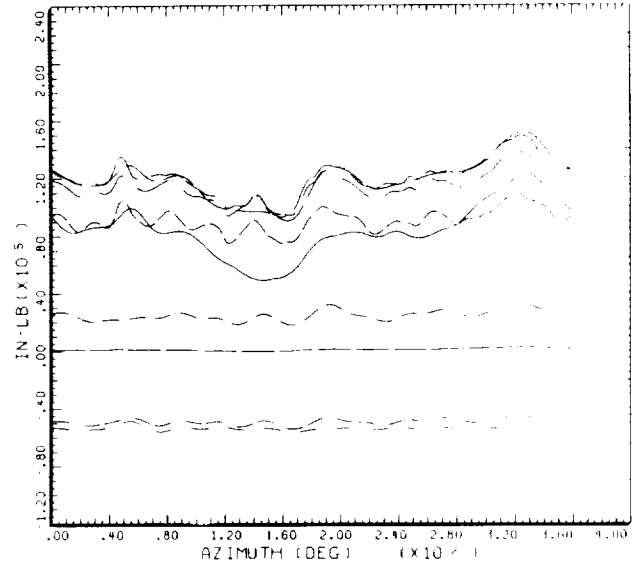
Figure 4-5h.

Figure 4-5. Concluded.



LEVEL FLIGHT, 102 KNOTS  
CYCLE AVERAGE: BLADE BEAMWISE BENDING

COUNTER	2826	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
-----	.02	R/RADIUS	-----	.30
-----	.23	R/RADIUS	-----	R/RADIUS
-----	.31	R/RADIUS	-----	R/RADIUS
-----	.39	R/RADIUS	-----	R/RADIUS
-----	.50	R/RADIUS	-----	R/RADIUS
-----	.70	R/RADIUS	-----	R/RADIUS
-----	.80	R/RADIUS	-----	R/RADIUS

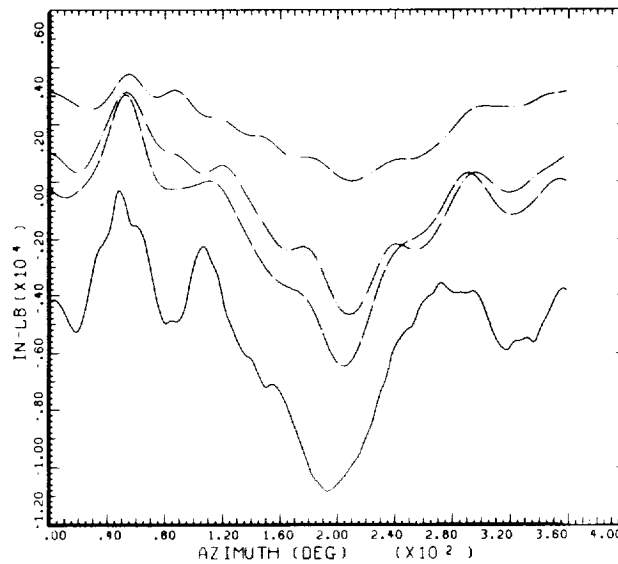


LEVEL FLIGHT, 102 KNOTS  
CYCLE AVERAGE: BLADE CHORDWISE BENDING

COUNTER	2826	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
-----	.02	R/RADIUS	-----	.30
-----	.04	R/RADIUS	-----	R/RADIUS
-----	.23	R/RADIUS	-----	R/RADIUS
-----	.31	R/RADIUS	-----	R/RADIUS
-----	.39	R/RADIUS	-----	R/RADIUS
-----	.50	R/RADIUS	-----	R/RADIUS
-----	.70	R/RADIUS	-----	R/RADIUS

Figure 4-6a.

Figure 4-6b.

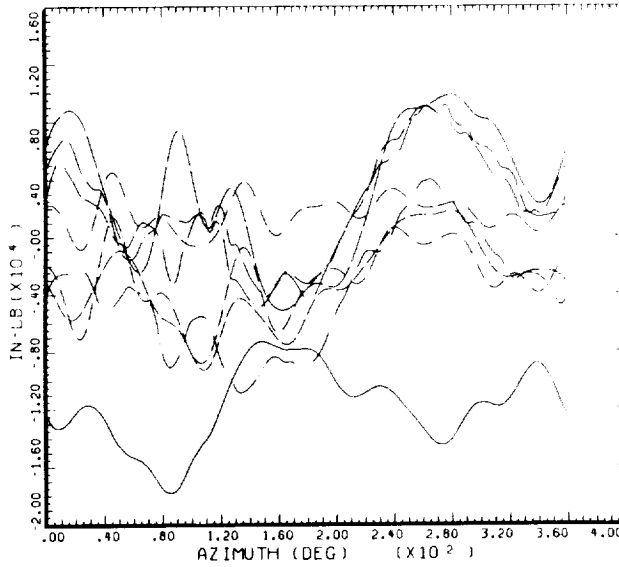


LEVEL FLIGHT, 102 KNOTS  
CYCLE AVERAGE: BLADE TORSION, CORRECTED AZIMUTH

COUNTER	2826	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
-----	.31	R/RADIUS	-----	
-----	.50	R/RADIUS	-----	
-----	.70	R/RADIUS	-----	
-----	.90	R/RADIUS	-----	

Figure 4-6c.

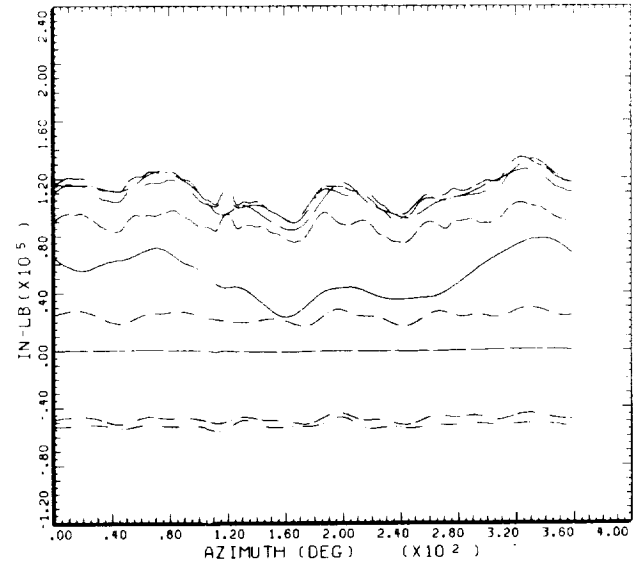
Figure 4-6. Blade load distribution at 102 KTAS level flight.



RS OF 200 FPM, 103 KNOTS  
CYCLE AVERAGE: BLADE BEAMWISE BENDING

COUNTER	2028	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
_____	.02	R/RADIUS	_____	.90
_____	.23	R/RADIUS	_____	R/RADIUS
_____	.31	R/RADIUS	_____	R/RADIUS
_____	.39	R/RADIUS	_____	R/RADIUS
_____	.50	R/RADIUS	_____	R/RADIUS
_____	.70	R/RADIUS	_____	R/RADIUS
_____	.80	R/RADIUS	_____	R/RADIUS

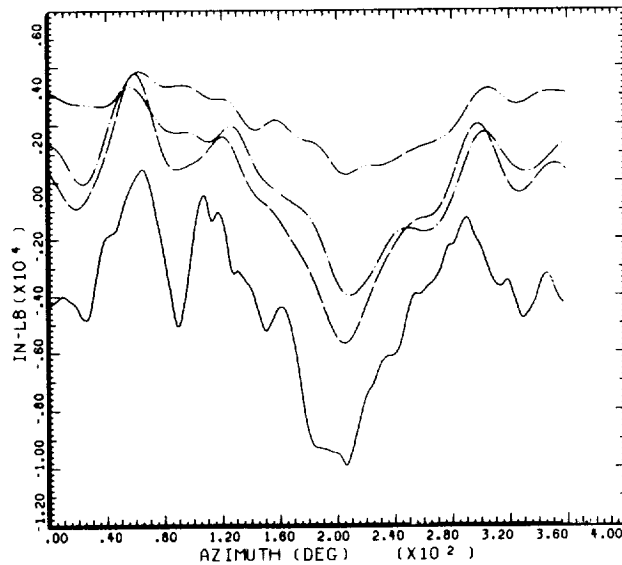
Figure 4-7a.



RS OF 200 FPM, 103 KNOTS  
CYCLE AVERAGE: BLADE AND YOKE CHORDWISE BENDING, CORRECTED AZIMUTH

COUNTER	2028	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
_____	.02	R/RADIUS	_____	.80
_____	.04	R/RADIUS	_____	.90
_____	.23	R/RADIUS	_____	R/RADIUS
_____	.31	R/RADIUS	_____	R/RADIUS
_____	.39	R/RADIUS	_____	R/RADIUS
_____	.50	R/RADIUS	_____	R/RADIUS
_____	.70	R/RADIUS	_____	R/RADIUS

Figure 4-7b.

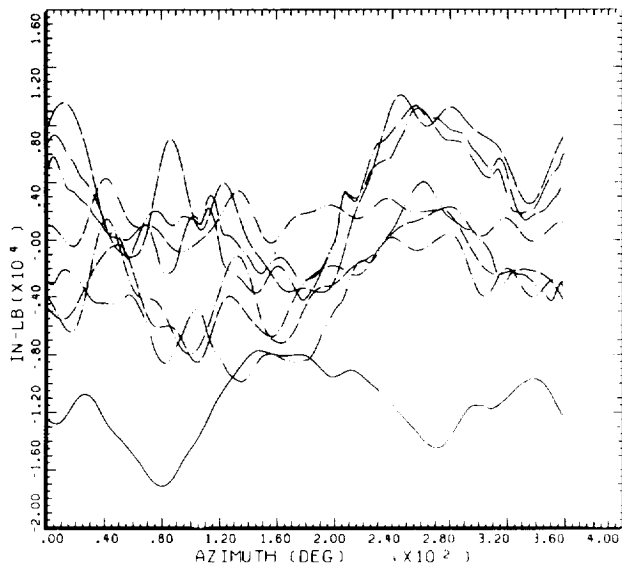


RS OF 200 FPM, 103 KNOTS  
CYCLE AVERAGE: BLADE TORSION, CORRECTED AZIMUTH

COUNTER	2028	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
_____	.31	R/RADIUS	_____	
_____	.50	R/RADIUS	_____	
_____	.70	R/RADIUS	_____	
_____	.90	R/RADIUS	_____	

Figure 4-7c.

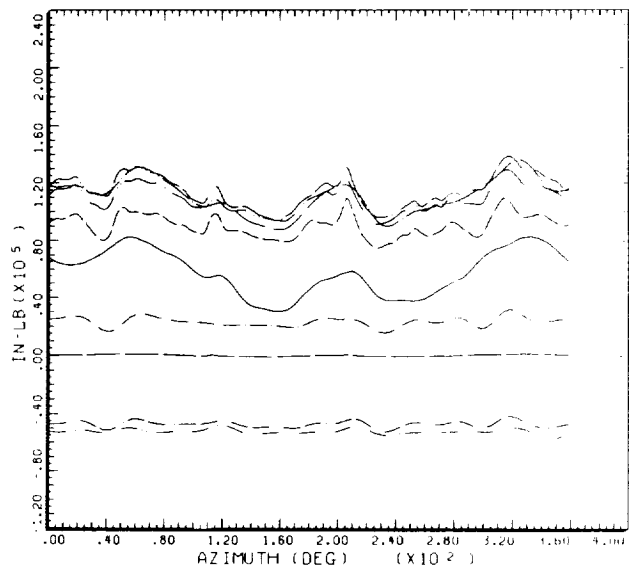
Figure 4-7. Blade load distribution at 103 KTAS 200 FPM R/S.



RS OF 400 FPM, 98 KNOTS  
CYCLE AVERAGE: BLADE BEAMWISE BENDING

COUNTER	2830	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004	R/RADIUS
-----	.02	R/RADIUS	-----	-----	-----
-----	.23	R/RADIUS	-----	-----	-----
-----	.31	R/RADIUS	-----	-----	-----
-----	.39	R/RADIUS	-----	-----	-----
-----	.50	R/RADIUS	-----	-----	-----
-----	.70	R/RADIUS	-----	-----	-----
-----	.80	R/RADIUS	-----	-----	-----

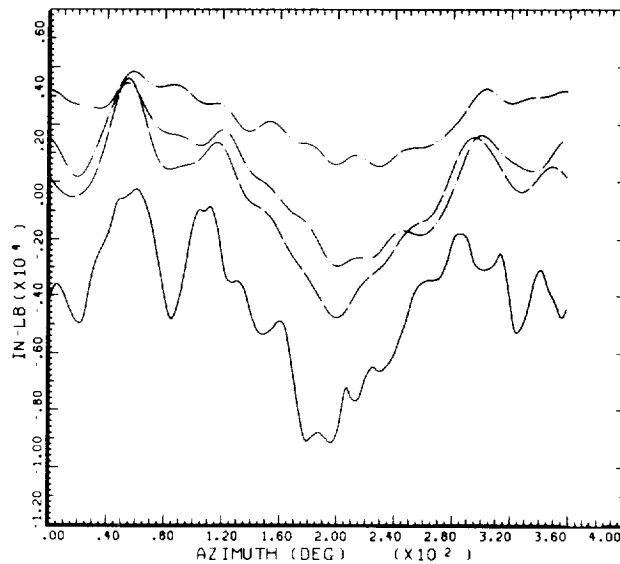
Figure 4-8a.



RS OF 400 FPM, 98 KNOTS  
CYCLE AVERAGE: BLADE CHORDWISE BENDING

COUNTER	2830	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004	R/RADIUS
-----	.02	R/RADIUS	-----	-----	-----
-----	.04	R/RADIUS	-----	-----	-----
-----	.23	R/RADIUS	-----	-----	-----
-----	.31	R/RADIUS	-----	-----	-----
-----	.39	R/RADIUS	-----	-----	-----
-----	.50	R/RADIUS	-----	-----	-----
-----	.70	R/RADIUS	-----	-----	-----

Figure 4-8b.

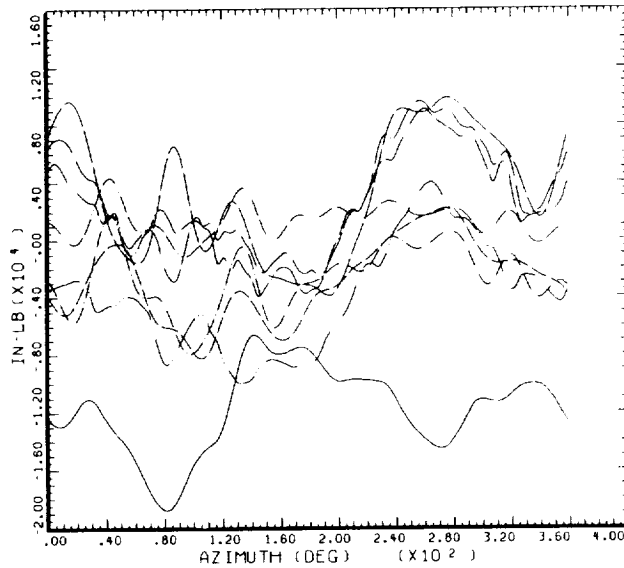


RS OF 400 FPM, 98 KNOTS  
CYCLE AVERAGE: BLADE TORSION, CORRECTED AZIMUTH

COUNTER	2830	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004	R/RADIUS
-----	.31	R/RADIUS	-----	-----	-----
-----	.50	R/RADIUS	-----	-----	-----
-----	.70	R/RADIUS	-----	-----	-----
-----	.90	R/RADIUS	-----	-----	-----

Figure 4-8c.

Figure 4-8. Blade load distribution at 98 KTAS 400 FPM R/S.

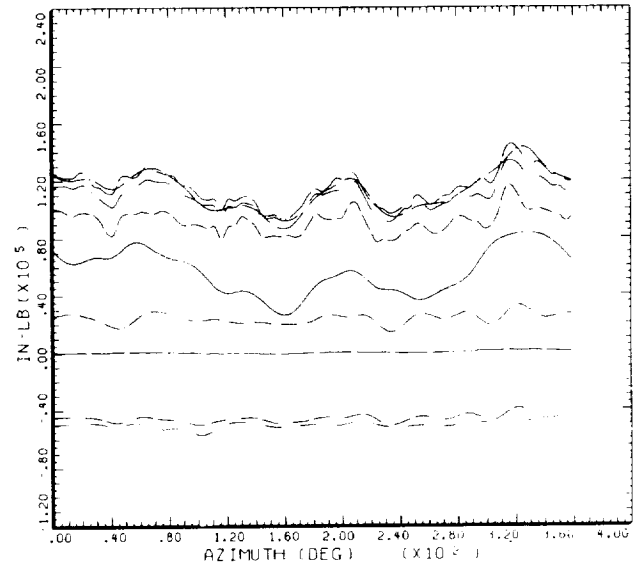


RS OF 600 FPM, 98 KNOTS

CYCLE AVERAGE: BLADE BEAMWISE BENDING

COUNTER	2831	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004 R/RADIUS
---	---	.02 R/RADIUS	---	---
---	---	.23 R/RADIUS	---	---
---	---	.31 R/RADIUS	---	---
---	---	.39 R/RADIUS	---	---
---	---	.50 R/RADIUS	---	---
---	---	.70 R/RADIUS	---	---
---	---	.80 R/RADIUS	---	---

Figure 4-9a.

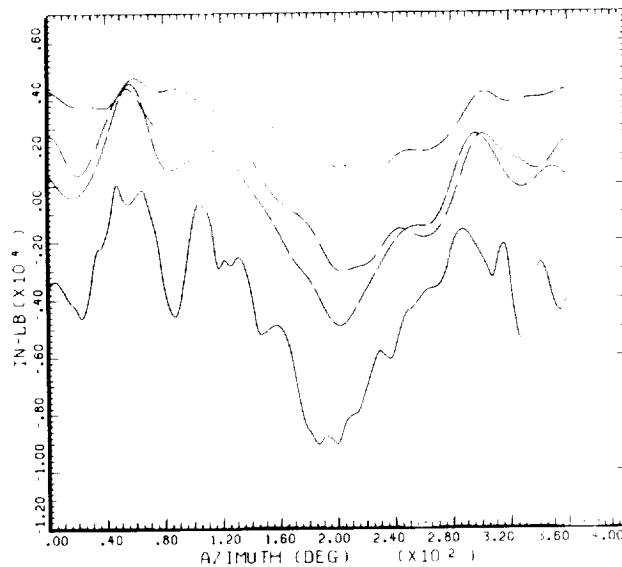


RS OF 600 FPM, 98 KNOTS

CYCLE AVERAGE: BLADE CHORDWISE BENDING

COUNTER	2831	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004 R/RADIUS
---	---	.02 R/RADIUS	---	---
---	---	.04 R/RADIUS	---	---
---	---	.23 R/RADIUS	---	---
---	---	.31 R/RADIUS	---	---
---	---	.39 R/RADIUS	---	---
---	---	.50 R/RADIUS	---	---
---	---	.70 R/RADIUS	---	---

Figure 4-9b.



RS OF 600 FPM, 98 KNOTS

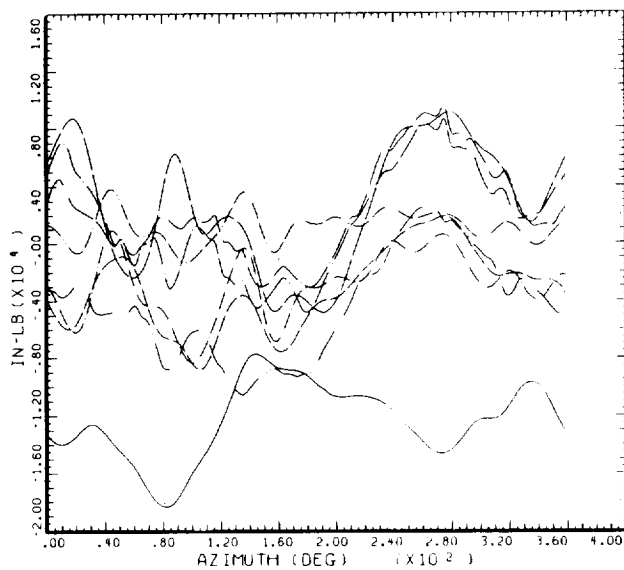
CYCLE AVERAGE: BLADE TORSION, CORRECTED AZIMUTH

COUNTER	2831	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004 R/RADIUS
---	---	.31 R/RADIUS	---	---
---	---	.50 R/RADIUS	---	---
---	---	.70 R/RADIUS	---	---
---	---	.90 R/RADIUS	---	---

Figure 4-9c.

Figure 4-9. Blade load distribution at 98 KTAS 600 FPM R/S.

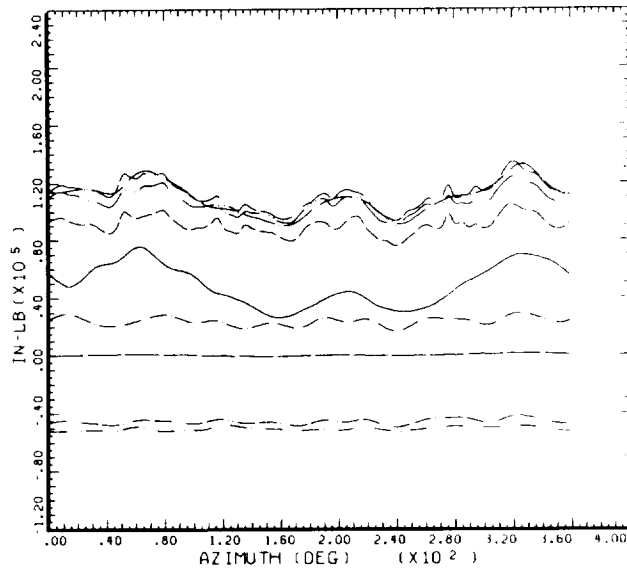




RS OF 800 FPM, 99 KNOTS  
CYCLE AVERAGE: BLADE BEAMWISE BENDING

COUNTER	2833	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004	R/RADIUS
-----	.02	R/RADIUS	-----	-----	.90
-----	.23	R/RADIUS	-----	-----	R/RADIUS
-----	.31	R/RADIUS	-----	-----	R/RADIUS
-----	.39	R/RADIUS	-----	-----	R/RADIUS
-----	.50	R/RADIUS	-----	-----	R/RADIUS
-----	.70	R/RADIUS	-----	-----	R/RADIUS
-----	.80	R/RADIUS	-----	-----	R/RADIUS

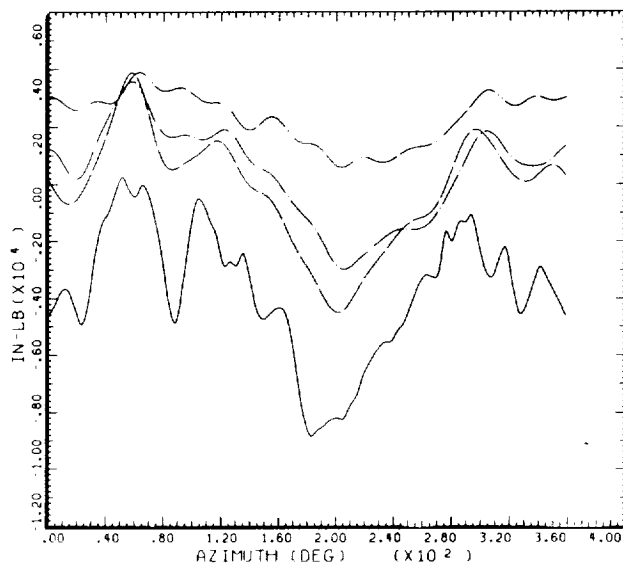
Figure 4-10a.



RS OF 800 FPM, 99 KNOTS  
CYCLE AVERAGE: BLADE CHORDWISE BENDING

COUNTER	2833	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004	R/RADIUS
-----	.02	R/RADIUS	-----	-----	.80
-----	.04	R/RADIUS	-----	-----	R/RADIUS
-----	.23	R/RADIUS	-----	-----	R/RADIUS
-----	.31	R/RADIUS	-----	-----	R/RADIUS
-----	.39	R/RADIUS	-----	-----	R/RADIUS
-----	.50	R/RADIUS	-----	-----	R/RADIUS
-----	.70	R/RADIUS	-----	-----	R/RADIUS

Figure 4-10b.



RS OF 800 FPM, 99 KNOTS  
CYCLE AVERAGE: BLADE TORSION, CORRECTED AZIMUTH

COUNTER	2833	GROSS WT LONG CG	SHIP MODEL SHIP ID	AM-1G 20004
-----	.31	R/RADIUS	-----	-----
-----	.50	R/RADIUS	-----	-----
-----	.70	R/RADIUS	-----	-----
-----	.90	R/RADIUS	-----	-----

Figure 4-10c.

Figure 4-10. Blade load distribution at 99 KTAS 800 FPM R/S.



## Report Documentation Page

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16. Abstract  In a continuing effort to understand helicopter rotor tip aerodynamics and acoustics, researchers at Ames Research Center conducted a flight test. The test was performed using the NASA White Cobra and a set of highly instrumented blades. A select subset of data from that test is presented here in tabular as well as graphic form. Access to the entire data base is available to the researcher upon request.			
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